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TITLE: Developing a Training Program in Breast Cancer Research
to Decrease the Disparity of Morbidity and Mortality in
Underserved/Minority Women

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| 13. ABSTRACT (Maximum 200 Words) <p>Winston-Salem State University (WSSU) a designated Historically Black College and University (HBCU) is committed to resolving some of the economic, social and health problems in the community in which the university is located. Breast cancer deaths and complication occur disproportionately in minority women than majority women within this community. This proposal is designed to develop a sustainable breast cancer training program at WSSU. Four faculty post docs from the School of Health Sciences are developing research skills by engaging in breast cancer research with professors at Johns Hopkins University who are experts in this area. In order to accomplish this project an interdisciplinary committee of doctors, nurses, educators, researchers and professors who have engaged in breast cancer research led by the researchers from JHU, are guiding the faculty through this development. The objectives of this training program are to allow the trainees the opportunity to develop fundable research proposals, to conduct successful clinical research projects, and to publish and to train other WSSU researchers. The faculty post docs will be able to apply their knowledge to assist minority elderly women to learn how to discover signs of cancer before the cancer becomes hard to treat. The knowledge gained will allow these researchers to participate in the training of other researchers in the area of breast cancer. Consistent with year 1 objectives, the four faculty post docs have completed two research courses, received approval of their pilot study by the interdisciplinary team and are preparing a manuscript on breast cancer for publication.</p> | | | | |
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Introduction

This 4-year training program is designed to prepare four faculty members in the School of Health Sciences (SOHS) to conduct research in the area of breast cancer. The program is intended to lay the groundwork for additional faculty to engage in breast cancer research by enhancing the research infrastructure in the SOHS. The four faculty members currently involved in the program represent nursing, clinical laboratory sciences, occupational therapy and physical therapy. Each of these faculty members is paired with a mentor from Johns Hopkins University School of Nursing (JHUSON) who is conducting breast cancer research. The JHUSON mentors are co-investigators on the project. Four academicians and practitioners from Wake Forest University Baptist Medical Center (WFUBMC) who are involved in providing health care to breast cancer clients or in conducting breast cancer research serve as consultants. These consultants represent the disciplines of gerontology, epidemiology, geriatrics and oncology. Two faculty members at WSSU serve as advisors and consultants to the four faculty post docs. The project also includes a biostatistician, housed at JHUSON (See Appendix F), and a research assistant (See Appendix J), housed at WSSU. These persons assist the four faculty members/post docs to meet the goals of the program. In addition, the research assistant assists in establishing a research center at WSSU. The Principal Investigator, Dr. Sylvia Flack, has administrative oversight of the project.

Reportable Outcomes

Meetings to Develop Infrastructure

Several meetings were held to discuss the infrastructure and procedures for the training program. Two interdisciplinary team meetings, which included with researchers, clinicians and educators from WSSU, JHUSON and WFUBMC, have been held. The first meeting was held on August 6, 2001 and the second on July 30, 2002 (See Appendix B). The PI and JHU Project Director met separately in November 2001 to further refine procedures and guidelines. Interactions between the PI and the JHU project director have been on going.

Design Training Program and Begin Training

Formal and informal interactions between the mentors and trainees have been on going through email, telephone conferences, and face-to-face meetings. Initial discussions included identifying needs of the trainees. Based on those discussions, the JHU faculty designed a weeklong course. The course was held January 14-18, 2002. Course content included instruction on research design and methods, including use of SPSS (See Appendix C). Post docs also received dyadic assistance with conceptualizing their research problems for the pilot studies and for the secondary analysis study. (The post docs are using breast cancer data compiled by their mentors to conduct secondary analyses and to develop a manuscript for publication). An outcome of the course was the completion of a written assignment that included a literature review and a conceptual framework for the secondary analysis study.

A second course was held at JHU August 5-9, 2002. Important outcomes of the course included: a) identification and refinement of variables in both the pilot study and the secondary analysis study and b) clear, definitive research questions for pilot study and secondary analysis study (See Appendix C).

The training program of the post docs also has included seminars by WSSU and WFUBMC consultants and advisors. These are opened to all faculty. Seminars have been presented on the following topics:

- Geriatrics for the non-Physician
- The ABC's and D's of Epidemiology: Principles and Examples
- Breast Cancer Management and Therapies
- Identification of Prognostic Markers in Breast Tumors
- Writing for Publication
- Conducting Research on Geriatric Participants
- Developing a Program of Research

Employed Biostatistician and Research Assistant

In month three of the project a biostatistician was hired to assist the post docs to conceptualize the research model for their pilot project and the secondary data study and to run data analyses on the secondary data set. Trainees had three face-to-face meetings with the biostatistician (twice at JHU and once at WSSU). The research assistant position was filled in month 6 of the project. (Prior to filling the RA position, each faculty post doc had a graduate assistant who was instrumental in assisting him/her with literature searches and retrieval of publications).

Research Center

The RA has been instrumental in assisting with establishing the research center in the SOHSs. The research center will be housed in the addition to the current SOHS' building. We are expected to occupy the addition in 31 October 2002. Resources for the research center have begun to be collected. Below is a list of item that has been obtained.

- Approximately 500 articles on breast cancer and related topics have been obtained and are ready to be filed.
- Bibliographic software has been purchased for each of the faculty post docs. In addition, the software will be loaded on a computer in the Research Center that will contain references on each of the articles on file
- All grants submitted in the School of Health Sciences have been placed in notebooks for faculty review
- Guidelines and application for IRB approval are on file
- Internal processing forms for external grant submissions are on file
- Research design books have been purchased
- Computers, which will store quantitative and qualitative statistical packages, have been purchased

In addition, a list of books identifying potential funding sources has been submitted to the WSSU for purchase.

Pilot Studies

The four faculty post docs have received approval on their pilot studies from the Interdisciplinary Team. The following are the approved research questions for each of the 4 pilot studies.

Pilot Study 1:

What is the extent of knowledge of breast cancer tumor markers among patients with breast cancer?

What are the effects of knowledge of breast cancer tumor marker results on anxiety, depression, stress, quality of life, patient behavior, coping and fatigue?

What is the relationship between extent of knowledge about breast cancer tumor marker results and extraneous factors (tumor size, tumor stage, metastasis, treatment history and type, general health status, fatigue, and selective demographics)?

What is the relationship between the extent of knowledge about breast cancer tumor marker results and anxiety, depression, stress, quality of life, coping and fatigue?

Pilot Study 2:

What are the predictors of functional status in older minority women who have been treated for the breast cancer?

Pilot Study 3:

What is the relationship between hand and upper extremity function, and tactile sensitivity of the fingers in the ability of elderly minority women to detect breast tumor size?

Pilot Study 4:

What are the relationships among stress, knowledge of Breast Self Exams (BSE), coping, tumor size (cancer stage) and adherence to breast cancer screening activities?

Does stress and knowledge of breast self examination effect adherence to BSE?

What is the relationship between tumor size and adherence to breast screening activities?

Which of the following variables: tumor size, stress, knowledge of BSE and coping are predictive of adherence to breast screening activities?

Staffing Changes

We have found it necessary to include a project director to assist the PI in the project's implementation. Specifically, the project director directs the activities of the research assistant, assists in creating a research infrastructure in the SOHS, assists the post docs in their achieving the goals of the program, assists SOHS' faculty in securing grant funds and plans and conducts research seminars. Dr. Lenora Campbell is serving as the project director. Dr. Campbell is a professor in the Department of Nursing and holds the Bertha L. Shelton Endowed Chair. Dr. Campbell has conducted funded research in the areas of child health, focusing specifically on health disparities among minority youth. (See Appendix D). Dr. Campbell devotes 10% of her time to this role; her time on the project is donated by the university.

Two advisors and one consultant have resigned from WSSU and WFUBMC and, thus, have left the project. Ms. Carol Boles, the Director of the Community Family Practice and Wellness Center (formerly University/Community Wellness Center) resigned from the university in April 2002 to pursue doctoral study. Rodger Melton is the new director

and has assumed the role of securing sites for data collection (See Appendix I). Dr. Electra Paskett resigned her position at WFUBMC in Fall 2001. Dr. Sharon Jackson, also of the School of Public Health at Wake Forest University, has replaced Dr. Paskett. Dr. Jackson is an Epidemiologist and is the Acting Director for the Maya Angelou Research Center on Health (See Appendix E). Dr. Richard Bennett went on Medical leave in November 2001. He has since returned to WSSU but is unable to participate in the training program. Dr. B. Lee Stackhouse, Chairperson of the Biology Department, agreed to replace Dr. Bennett. Dr. Stackhouse has extensive experience in studying markers in breast tumors (See Appendix G). Finally, Dr. Todd Watson, the faculty post doc from the Department of Physical Therapy, resigned from the university in April 2002. Dr. Hamdy Radwan, Associate Professor in the Department of Physical Therapy, has since joined the training program. Dr. Radwan has extensive experience in physical therapy with a focus on orthopedics, acute care and geriatric specialties (See Appendix H).

Key Research Accomplishments

- Two post docs presented a poster presentation at the Era of Hope Breast Cancer Conference in Orlando Florida, entitled "Psychological distress, fatigue, burden of care, and quality of life in primary caregivers of breast cancer ABMT patients." September 24-28, 2002.
- Dr. Sylvia Flack, PI, presented a poster session entitled "Developing a Training Program in Breast Cancer Research to Decrease the Disparity of Morbidity and Mortality in Underserved/Minority Women" at the Era of Hope Breast Cancer Conference in Orlando Florida.
- The PI and the four post docs presented a seminar on conducting multidisciplinary research at the Clinical Laboratory Conference in Greensboro, North Carolina, April 2, 2002.
- The post docs presented a poster session at the WSSU research day conference entitled "Developing a training program in breast cancer research to decrease the disparity of morbidity and mortality in underserved/minority women," in April 2002.
- All post docs and the PI attended the Era of Hope Breast Cancer Conference in Orlando, Florida September 24-28, 2002.
- The Project Director received funding from the Susan G. Komen Foundation to implement a breast cancer prevention and early detection program for low-income minority women.
- The PI and Project Director have submitted other non-cancer related proposals to enhance post doc faculty involvement in research.
- One of the post docs (with the project director and other nursing faculty) submitted an abstract to the Oncology Nursing Society's National Conference.
- Dr. Bobbie Reddick (post doc) presented a poster at the WSSU Research Day entitled "A Woman's Touch."

- Dr. Reddick attended the Cancer Prevention and Early Intervention Institute for HBCU/MI Nurse Educators in Ft. Lauderdale, Florida on March 2, 2002.
- The faculty post docs presented their secondary data at the Interdisciplinary Team Meeting on July 30, 2002.
- WSSU was featured on UNC-TV's "NOW" program for the DOD and Komen breast cancer projects.

Appendix Materials (See Attachments)

Statement of Work

Developing a Training Program in Breast Cancer Research to Decrease the Disparity of Morbidity and Mortality in Underserved/Minority Women.

Phase 1: Project Start-up and Infrastructure Development (Year 1)

- Meeting between project directors to develop infrastructure-procedures-protocols-practices 1st 6 months.
- Hire biostatistician for analysis of data and research assistant to set up the research center and to assist in facilitating the research projects the 1st 6 months.
- Planning meeting of the interdisciplinary committee
- Set up the research center; Purchase office supplies; WSSU purchase equipment, the 1st 6 months.
- Meetings of the mentors and trainees to make an assessment of the needs during the 1st 6 months.
- Design individualized program of training for each trainee
- Begin the training program
- During the last six months refine the research questions/literature search
- Evaluation of progress and approval of trainee pilot studies by interdisciplinary committee, at end of the 1st year. Lead by Sylvia Al Flack PI
- Prepare and submit annual report to CDMRP, lead by Sylvia A. Flack, PI

Phase 2: Project Development (Year 2 & 3)

- Continue training activities.
- Seek approval of the research studies by the University's IRB and the HSRRB, 2nd year.
- Purchase research related supplies at the beginning of the second year.
- Attend the Baltimore, Maryland? Wa. DC Meeting in the Second Year.
- Design and implement breast cancer pilot studies
- Develop and submit grant applications
- Submit at least one research abstract to the CDMRP and for a presentation in scientific conference
- Begin designing the training program for future WSSU researchers
- Evaluation by interdisciplinary committee at the end of the 2nd and 3rd year, Lead by the PI
- Prepare and submit annual report at the end of year 2 and 3, Lead by the PI

Phase 3: Project Completion and Evaluation (Year 4)

- Complete breast cancer pilot studies 1st quarter of the year.
- Analysis and interpretation of data gathered, 2nd quarter of the year.
- Complete the design of the training program for future researchers, by the end of the fourth year
- Submit research grant proposals for future research funding, by end of fourth year.
- Submit research articles by each trainee for publication in scientific literature, by end of fourth year.
- Submit one collaborative article for publication in scientific literature by end of fourth year.
- Evaluation of the project processes and outcomes by interdisciplinary committee at the end of year 4
- Begin to solicit applications for the next trainee rotation by the end of the fourth year.
- Complete summative evaluation lead by PI.

- Prepare and submit reports summarizing the outcomes of the collaborative training and research studies; any publications will be submitted to the CDMRP lead by PI.

**Winston-Salem State University
School of Health Sciences**

**Breast Cancer Training Grants
Interdisciplinary Meeting
August 6, 2001**

Present: Dr. Fannie Gaston-Johannsson; Carol Boles; Dr. Denny Ryman; Dr. Lenora Campbell; Dr. Chris Kasper; Dr. Cathy Tatums (for Dr. Paschal); Dr. Richard Benton; Dr. Lynda Baldwin; Dr. Bobbie Reddick; Dr. Jamel Demons; Dr. Patty Sugg; Dr. Sylvia Flack

Purpose and Relevance of Project

Dr. Flack discussed the University's mission as teaching, research and service. According to Dr. Flack Forsyth County leads the state in many health care problems. The School of Health Sciences began to address some of these issues by establishing the University/Community Wellness Center that has the potential to serve 33,000 underserved residents of public housing. Breast cancer was selected as a research focus because minority women, African-Americans in particular, experience less occurrences of the disease but have a higher mortality. Because Winston-Salem State University (WSSU) does not have the infrastructure to proceed with clinical research in this area, a partnership with Johns Hopkins University (JHU) was established.

Overall Project Plan

The training grant provides postdoctoral experiences for four faculty in the School of Health Sciences, representing four of the five departments. Faculty members will be paired with mentors from JHU based on their interest and the expertise of mentors. In addition, faculty from Wake Forest University Medical Center (WFUMH) with expertise in the areas of study will provide support to the post docs. The precise role of the consultants from WFUMC will be determined when mentors meet with post docs and refine research questions. The interdisciplinary committee will meet biannually in Winston-Salem for the length of the grant (four years). Post docs will communicate with mentors via 2 meetings/year at JHU and via telephone, email and fax.

A part-time biostatistician and research assistance will be hired to work with the post docs and to facilitate the research process at both sites. The biostatistician will be located at JHU (in order to work with data sets available to the post docs but located at JHU). The research assistant will be located at WSSU to assist the post docs with the day-to-day research needs and to create the research center. Both will help in facilitating the research process at both sites. Post docs will have 30% release time the first year and 25% release time during years 2-4 to complete the training.

Overview: Training Program Plan

Dr. Fannie Gaston-Johansson identified the 3 components of the research infrastructure to be developed at WSSU:

- Faculty development within WSSU
- Building research center

▪ Interdisciplinary team and using resources at WSSU, WFUMC & JHU

Faculty development of post docs will be based on their specific interest and a needs assessment (including their educational needs and research needs). Pending these assessments, a more clearly delineated plan for consultation by WFUMC faculty, the University/Community Wellness Center and Dr. Bennett will be developed. WFUMC faculty requested that the plan be in writing. The written document, then, will become a part of the evaluation plan to be submitted with the continuation application to the Department of Defense (DOD). A pivotal component of faculty development will be biannual meetings between the post docs and their mentors. The first 5-day meeting will be in November at JHU. Prior to that meeting, post docs are to write/email mentors outlining their research question, educational and research needs, etc. Post docs should consider their needs for course work and consultation in areas such as oncology, gerontology, research design, statistical methods and measurement and research ethics. They may consider group study. Mentors and consultants will help select materials significant to research questions relevant courses already in place at WSSU and WFUMC. A training plan for each post doc must be in writing as well as the written pilot proposal (due by the end of the year). This will be brought back to the interdisciplinary committee for review at the end of the first year). Dr. Gaston-Johannson reminded Dr. Ryman that she will be in the US for the November meeting but prior to that she will be in Sweden. She reminded the post docs that their ability to engage in independent study would be critical. There will be a lot of reading and synthesis of materials. WSSU needs to create a research environment for post doc.

Publishing is an important aspect of the training. During year 1, post docs will be working with secondary data provided by mentors to gain experience in writing and publishing. This is a necessary process for applying for independent funding at NIH or other funding agencies. Pilot studies also are necessary and should serve as the basis for a full research project. Research abstracts and presentations are important as well. An outcome of the grant is for each of the post docs to submit a proposal for funding.

Additional outcomes of the grant are a functional Research Center and a functional interdisciplinary team. DOD must know that everyone is participating and there must be evidence of this in writing.

Some areas that require discussion are:

- How do you define the initial diagnosis of breast cancer? There are complications in how this is defined
- How to get sample?
- What is an adequate sample size?
- How to define elderly?
- The validity and reliability of Measures

Annual Report/Evaluation submitted to DOD must include what has been done:

- Different mile stones
- When the research began
- When the training is completed
- When are the pilot studies up and running

IRB approval must be sought prior to implementing pilot study (year two). IRB approval will be obtained from both WSSU and JHU. Seeking IRB approval in year 2 will give time for pilot study plan to developed and approved by interdisciplinary. Also in second year post docs will start their pilot study; start looking at funding application; based on data collected secondary analysis, send in a abstract to present at conference; begin designing plan for future researchers.

Interdisciplinary committee will meet and identify milestones that have been met. This will assist us in keeping on tract in relation to evaluation

In year 4, post docs should have completed the pilot study and the data analysis and submitted research articles for publication and a grant for future funding. The highlight of fourth year is the development and submission of funding proposal.

Major outcomes of research include:

- Infrastructure in place
- Post –docs are prepared
- Functioning Interdisciplinary team
- Functioning Research Center
 - File cabinet of instruments
 - Physical layout plan
 - Support for publishing papers and research grants
- Post doc Development
 - Presented at conference
 - Submission of Article
 - Submission of Proposal
 - Research results documented

To accommodate the needs of post docs, Dr. Flack indicated that she would come up with other ways to provide additional time if needed. Dr. Flack also indicated that in addition to training additional faculty, i.e., submitting for funding to train additional faculty, we should also branch out to other health disparities.

Questions were raised re: Dr. Kasper's data set, i.e., it includes animals not humans. According to Dr. Flack, if we use animals in any form, we have to go back to the DOD and obtain permission. We have only identified human subjects. WSSU does have approval to conduct research on animals. Dr. Flack reminded the group to bring up for discussion any questions that arise to ensure that activities are consistent with DOD protocol.

The following question about the research were raised:

Feasibility of community-based screening to get an adequate sample size to conduct the four studies was discussed. Given the statistics of 13 per 100,000 get breast cancer (white); 10 per 100,000 get breast cancer (African-American), we may need to screen a very large number of

women to get adequate sample. Discussion ensued re: other possible sites for getting women with newly diagnosed breast cancer. The following ideas were discussed:

- Downtown health clinics – underserved population
- Women center of excellence
 - Population of women different from downtown
 - What is the population?
- Do we stay within Forsyth County – may need to expand – 302 were diagnosed in Forsyth County majority are white
- Should sample be limited to elderly women?
- Should we include women who have already been diagnosed?
 - (Study may be biased if women already knows that they have cancer i.e. doing depression scales of women dilemma getting prescreening and costly of getting the number of individuals with cancer)

Aims of study – underserved elderly minority women – does it mean only African Americans? Could we use any minority? Need to define “minority”

Defining the elderly as persons 65 and older may delimit the sample too much.

Cancer society uses 50 as the designation for elderly

Cancer morphology is similar at ages 40, 50 , 60

Probably no one would define 40 as elderly

Decision was made for 50 to be the cut off

Should participants be provided incentives for participating? This was not written into the budget. Residents of the Wellness Center receive a number of benefits already and incentives might compromise the existing relationship with nursing.

Dr. Gaston-Johannson indicated that the activities of the Center are separate from those of the research and that distinction should be clearly communicated to residents invited to participate. It should be clear to them that this is research and their consent or refusal to participate will not interfere with what they currently receive from the Center.

Presentation of Research Questions – Project Post-Docs

Dr. Denny Ryman

Dr. Denny's research will explore the CA15-3/CA27.29 antigen which is produced by the tumor itself and is being used now after surgery and/or treatment to see if cancer comes back but not for diagnosis. He would like to focus on the correlation of tumors of the breast and cancer tumor markers; ultimately using these markers in much the same way as other cancer markers are used. Sensitivity levels are too low for initial diagnosis but other studies indicate that CA27.29 is sensitive enough for initial diagnosis of breast cancer with metastasis. There has been a lot of study with animals; but not for initial diagnosis. Some studies have been conducted in Ireland and Sweden. The initial study must compare size and levels. Questions were raised regarding

why tumor size is chosen rather than other indices? (Tumor size does not always determine the treatment modality.) Perhaps other areas could be used such as polidy; Most of research support is for more sensitive instrumentation. Questions were also raised as to why this research hasn't been done (if in fact that is the case). Dr. Ryman has researched 200 articles – only 2 studies focus on CA27.29 as initial diagnosis – everything else is used for monitoring treatment. There is a void there – not much correlation studies between the activity of the tumor and the quantitiveness of cancer marker. Questions were raised as to how the comparisons will be made? For the Control group, get a sample population who are negative and do marker for them - this is information of people who do not have breast cancer at the time; their levels are considered as negative----then take those identified with cancer and do cell marker and compare? Samples will be obtained from drawing blood or taking saliva sample – samples will be sent out for testing. Question was also raised as to the relationship of signal of the marker and the tumor size. The literature appears to indicate 30% cut off where tumor cannot detect; 70% certain level directly detect. Dr. Gaston-Johansson indicated that this is an exciting project. She cautioned, however, that it is important to look for all the facts before gathering any data. High sensitivity is an important determination to identify. It is important to have something simple that will identify need for further investigation of problem.

Dr. Lynda Baldwin

Dr. Baldwin has been reviewing breast cancer literature dealing with psychosocial and biochemical factors. In the literature, pain, fatigue, and depression appear to be common reactions to treatment, but no information concerning history of depression prior to diagnosis. Literature on stress and coping (i.e., concentration camps, loss of a spouse) indicated that depression is common during times of severe stress and that this may be associated with increased risk of cardiovascular disease and cancer. Dr. Baldwin is interested in behavioral and biochemical factors present at the time of diagnosis of breast cancer. She would also like to look at history of depression and a behavior cognitive component; orientation to life in an attempt to understand more about factors that proceed and possibly contribute to the development of breast cancer. She is also interested in women's ability to cope with stressors and methods used for coping. Are these methods any different than those used by women who do not develop breast cancer. She is also interested in determining if there is relationship of Orientation to Life/Sense of Coherence breast cancer;

Sense of coherence is a term used by Aaron Antonovsky to describe a global orientation to life that measures a person's ability to see life as comprehensible, manageable, and meaningful. Suggs suggested including a spirituality component. For example, is there a belief that God determines what happens to an individual therefore there is no need to prevent or is there a partnership with God and the individual has responsibility. There are some good recent studies. Examining biomarkers prior to diagnosis may prove problematically; Mock has done extensive work with exercise and breast cancer (these have been in relation to treatment not prevention). Need to be careful, however, exercise in and of itself may confound the results of the study. May also examine coping strategies studies by Gaston-Johannson .

Dr. Bobbie Reddick

Dr. Reddicks's interest is prevention, especially with the elderly. She is specifically interested in identifying factors that keep the elderly from doing self-breast examinations or going to the doctor for screening; What are the attitudes and practices to get minority women to participate in breast self examining at an earlier time? Spirituality may be an important issue; it may be both negative and positive. Do ministers and leaders in churches play a role in preventive practices of parishioners? Other reasons for lack of early detection practices may be fear of finding out. Merle Michele's work on Uncertainty might be helpful.

Q &A

Gaston-Johansson raised concerns about the cost of mammograms. We need to get statistics about how many people are needed to screen to identify a breast cancer – WFUMC has a lot of this data and will share.

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| Lynda Baldwin | WSSU | Voice Mail 336- 750-3172 | | 336- 750-3173 | baldwinlc@wssu.edu |
| Richard Bennett, Jr. | WSSU | 336- 750-2207 | | 336-750-2208 | bennettr@ols.net |
| Carol Boles | WSSU | W -336-761-2133 | Cell-336-761-2137 | 336-761-2137 | bolesch@wssu.edu |
| Lenora R. Campbell | WSSU | W-336-750-2577 | H-336-852-6090 | 336-750-2597 | campbellr@wssu.edu |

Working Lunch

Winston-Salem State University
School of Health Sciences
The Department of Defense Breast Cancer Project
July 30, 2002
Minutes

Attendance: Racquel Ingram (Research Assistant), Sylvia Flack (Principle Investigator), Lenora Campbell (Project Director), Fannie Gaston-Johansson (JHU Co-investigator/Project Director), Joy Nanda (JHU/Biostatistician), Bobbie Reddick (Post Doc/WSSU), Denny Ryman (Post Doc/WSSU) Lynda Baldwin (Post Doc/WSSU) Dr. B. Lee Stackhouse (Consultant/WSSU), Dr. Jamehl Demons (Geriatrician/Wake Forest University Baptist Medical Center), Dr. Gretchen Kimmick (Oncologist/Wake Forest University Baptist Medical Center)

Welcome by Dr. James Wingate, Executive Assistant to the Chancellor, WSSU

Introduction and Overview by Dr. Sylvia Flack, Dean of School of Health Sciences WSSU

Updates by Dr. Lenora Campbell, Project Director/ Bertha Shelton Endowed Chair WSSU

- Developing Research Center
 - The Center will be housed in the addition of the FL Atkins Building
 - Center will contain:
 - Breast Cancer Articles retrieved by post docs and their graduate assistants
 - Computers for faculty with research related software such as SPSS, SAS, qualitative data software packages, etc.
 - Books to assist with writing proposals and conducting research
 - Research Notebook (including electronic copies) that contains all grants submitted by the SOHS, Institutional procedures for submitting grants, IRB applications, etc.
- Contact is being made with a number of local agencies including breast cancer screening centers, churches, public housing community associations, etc. in an effort to identify potential participants for the pilot studies to be conducted by the post docs
- Seminars were held by the Wake Forest University Baptist Medical Center (WFUBMC) Consultants and the Winston-Salem State University Consultant (WSSU)
 - Dr. Jamehl Demons (Geriatrician/WFUBMC) conducted a seminar on "Geriatrics for the Nonphysician"
 - Dr. Sharon Jackson (Epidemiologist/WFUBMC) conducted a seminar on "The ABC's and D's of Epidemiology: Principles and Examples"

- Dr. Patricia Suggs (Associate Professor/WFUBMC) conducted a seminar titled "Presentation to WSSU Fellows"
 - Dr. Gretchen Kimmick (Oncologist/WFUBMC) conducted a seminar on "Breast Cancer Management and Therapies"
 - Dr. B. Lee Stackhouse (Associate Professor/WSSU) conducted a seminar on "Identification of Prognostic Markers in Breast Tumors"
- Several writing conferences will be held over the next few months.
 - Dr. Elizabeth Carnegie conducted a writing workshop on August 8-9, 2002 at WSSU. Dr Elizabeth Carnegie is a renowned author and editor for nursing research.
 - Some of the Post Docs attended a writing workshop by Elizabeth Tournquist at The University of North Carolina in Chapel Hill on August 23, 2002.
- Activities of the Post Docs
 - Met with JHU faculty three times over the grant year; consulted with them numerous time via email and telephone
 - Completed 3 hours of course work at JHU; preparing for an additional 3 hours of coursework at JHU
 - Working on their secondary data articles
 - Working on their pilot proposal
 - Worked with graduate assistants assigned to each post doc to assist in literature searches and retrieval of references
 - Presented at Clinical Laboratory Annual Meeting in Greensboro
 - Submitted an abstract to present at the Oncology Nursing Society Conference
 - Dr. Todd Watson and Dr. Vickie Mock submitted an article for publication in the Physical Therapy Journal
 - Staffing Changes
 - Carol Boles, Former Director of the WSSU Community Wellness Center and advisor on the Grant resigned from the University.
 - Rodger Melton, the new director of the WSSU Community Family Practice and Wellness Center will replace Carol Boles as an advisor on the grant
 - Dr. Richard Bennett, former Dean of College of Arts and Sciences/onsite advisor, WSSU resigned from the university. Replacing Dr. Bennett as an onsite advisor is B. Lee Stackhouse, Chair of Department of Life Sciences, WSSU.
 - Todd Watson, Assistant Professor of Physical Therapy/Post Doc, WSSU, resigned from the University.

Updates by Fannie Gaston-Johansson, John Hopkins University

- JHU faculty provided a 3 Credit course for Post Docs. The course focused on conceptualization of the secondary data article and pilot projects
- A second 3 hour course will be provided August 5 – 9, 2002. This course will focus on research methods. Post Docs will be expected to identify and refine validity and their relationships. Post Docs will refine research questions for pilot studies.
- Expectation is for Post Docs to become more independent in their work
- WSSU and JHU need to collaborate more.

Dr. Flack, WSSU

- More collaboration and communication between the sites are needed.
- WSSU was featured on UNC-TV's "NOW" program for the DOD and Komen Breast Cancer Projects

Presentations on Pilot study and secondary data by Post Docs: Drs. Ryman, Reddick, and Baldwin presented their reports of their work on both the secondary data sets (using the databases of their mentors) and their pilot study (see attached).

Discussion of Issues:

- Release Time
 - Post docs will be released for 25% during the 2002-2003 academic year. The current budget does not include release time for post docs during the summer months. Dr. Flack will contact DOD to determine if this is possible.
- Coordination/Communication/Collaboration
 - Greater communication between the sites is needed. Communications concerning meetings, workshops, and other post doc activities will be provided to faculty at both institutions.
- Roles of consultants, mentors and project director (when this position is implemented) were discussed. Mentors are to serve as the principal on the work of the post docs. Thus communication should begin between the mentors and post docs and consultants are invited into discussions upon the request of the mentors and post docs. The role of the project director will be to ensure the smooth progression of the project, to oversee the development of the research infrastructure within the School of Health Sciences, to provide mentorship to all faculty within the School of Health Sciences, and including the post docs.

Adjourned

Johns Hopkins University School of Nursing

January 14, 2002 – January 18, 2002

Course Outline

2 Credits Breast Cancer Research to Decrease the Disparity of Morbidity and Mortality in Underserved/Minority Women
 1 Credit Independent Study – Literature Review (Writing Report to Mentors Due February 1, 2002)

Focus of Course

- Developing the Research Proposal, Major Steps and Outline
- Secondary Analysis of Data

| Monday January 14, 2002 | Tuesday January 15, 2002 | Wednesday January 16, 2002 | Thursday January 17, 2002 | Friday January 18, 2002 |
|--|---|--|---|--|
| 9 – 10am Introduction to Project, Post-doc Students, and their Mentors – Fannie Gaston-Johansson | 9 – 10:30am Introduction to the Welch Library and Computer Searches – Wanda A. Bell-Farrell | 9 – 12noon Research Design and Methods (Primary vs. Secondary Data) – Joy Nanda | 9 – 12noon Types of Analysis – Unifers, Cross-sectional, Univariate, Bivariate, Multivariate, Assumptions – Joy Nanda | 9 – 12noon Experience in Running Data Program and Statistical Analyses of Secondary Data – Joy Nanda |
| 10 – 12noon Needs Assessment, Post-docs meet with individual Faculty Reddick – Campbell Rynan – F. Gaston-Johansson Baldwin – Mock Watson – Kasper | 10:30 – 12noon Literature Search/Review 12noon – 13:30 Lunch 13:30 – 15:00 Literature Search/Review | 12 – 13:30 Lunch 13:30 – 17:00 Asking Research Questions from Existing Data – Joy Nanda and Mentors | 12 – 13:30 Lunch 13:30 – 17:00 Meet with Individual Mentors | 12 – 13:00 Lunch 13:00 – 15:00 Post-doc Presentations: 30 minutes each Dr. Reddick Dr. Rynan Dr. Baldwin Dr. Watson |
| 12 – 13:30 Lunch 13:30 – 17:30 Post-docs present research questions and identification of major concepts. | 15:00 – 17:00 Refining research questions. Summary presentation by post-docs – Mentors | Strengths and Limitations of Existing Data Sets – Joy Nanda and Mentors | | |

Reference:

Nolan M.T. & Mock, V. (2000) Measuring Patient Outcomes. Thousand Oaks: Sage Publications, Inc.

Johns Hopkins University School of Nursing

August 5 – 9, 2002

Course Outline

2 Credits
1 Credit

Breast Cancer Research Plans to Decrease the Disparity of Morbidity and Mortality in Underserved/Minority Women
Final Proposal due September 30, 2002

Focus of Course

- Developing the Research Proposal, Major Steps and Outline
- Secondary Analysis of Data

| Monday August 5, 2002 Room 215 | Tuesday August 6, 2002 Room 324 | Wednesday August 7, 2002 Room 316 | Thursday August 8, 2002 Room 324 | Friday August 9, 2002 Room 324 |
|--|---|--|--|--|
| <p>9 - 9:30am Introduction to course - Dr. Fannie Gaston-Johansson</p> <p>9:30 - 13:30 Presentation of secondary data analysis and manuscript via PowerPoint - one hour each.</p> <p>9:30-10:30 - Dr. Reddick</p> <p>10:30 - 11:00 Break</p> <p>11:00-12:00 - Dr. Ryman</p> <p>12:00 - 13:30 Lunch</p> <p>13:30-14:30 - Dr. Baldwin</p> <p>14:30-15:30 - Dr. Watson</p> | <p>9 - 10:30am Post docs meet with individual mentor for needs assessment and discussion concerning research questions, conceptual framework and methods for original research.</p> <p>10:30 - 11:00 Break</p> <p>11:00 - 12:00 Sample selection -Dr. Joy Nanda</p> <p>12:00 - 13:30 Lunch</p> <p>13:30 - 15:00 Measurement issues, validity and reliability of instruments. -Dr. Joy Nanda</p> <p>15:00 - 16:00 Registration</p> | <p>9 - 10:30am Prop-osal writing: An overview -Dr. Vicki Mock</p> <p>10:30 - 11:00 Break</p> <p>11:00 - 15:00 Independent Study - preparing the original proposal.</p> | <p>9 - 12noon Independent study - preparation for presentation of original research proposal via PowerPoint</p> <p>12 - 13:30 Lunch</p> <p>13:30 - 15:00 Meet with individual mentors, independent study</p> | <p>9 - 12noon Post-doc presentations via PowerPoint: 30 minutes each</p> <p>9:00-9:30 - Dr. Watson</p> <p>9:30-10:00 - Dr. Baldwin</p> <p>10:00-11:00 Break</p> <p>11:00-11:30 - Dr. Ryman</p> <p>11:30-12:00 - Dr. Reddick</p> <p>12:00 - 13:30 Lunch</p> |

Submitted by JHU Project Director: F. Gaston-Johansson
August 5-9, 2002

Lenora Richardson Campbell, DSN, RN

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Fax: (919) 334-3628

EDUCATION

University of Alabama, Birmingham, Alabama

DSN, 1987. Major: Community Mental Health. Dissertation: Ward atmosphere, personality characteristics, length of hospital stay and depression among depressed psychiatric inpatients.

University of Maryland, Baltimore, Maryland

MSN, 1980. Major: Psychiatric Nursing. Thesis: Self-concept of pregnant teenagers.

Florida Agricultural and Mechanical University, Tallahassee, Florida

BSN, 1976. Major: Nursing. Graduated with honors.

PROFESSIONAL EXPERIENCE

Winston-Salem State University, Winston-Salem, NC

Professor & Berth L. Shelton Chair, 2001- present

University of North Carolina at Greensboro, School of Nursing, Greensboro, NC

Associate Professor & Member of Graduate Faculty, 1994-2001

Assistant Professor & Associate Member of Graduate Faculty, 1988-1994

North Carolina Baptist Hospital, Psychiatry, Winston-Salem, NC

Staff Nurse, 1988-1992

Winston-Salem State University, Winston-Salem, NC

Assistant Professor of Nursing, 1983-1988

Instructor of Nursing, 1980-1983

Charter Mandala Hospital, Psychiatry, Winston-Salem, NC

Staff Nurse, 1982-1984

Florida Hospital, Orlando, Florida

Assistant Head Nurse, 1979-1980

Staff Nurse, 1977-1978

Lenora Richardson Campbell, DSN, RN

PROFESSIONAL EXPERIENCE, Continued

Orlando Regional Medical Center, Orlando, Florida

Staff Nurse, 1976-1977

PUBLICATIONS

Articles Accepted and Published

Starr, S., Campbell, L., & Herrick, C. (2002). Factors affecting Use of the Mental Health System by Rural Children. Accepted Issues of Psychiatric Nursing (March 2002).

Richardson, L. (2001). Seeking and obtaining mental health service: What parents' expect. Archives of Psychiatric Nursing, Journal of Gerontological Nursing (October 2001).

Amoake, E., Richardson, L., Kennedy-Malone, L. Self Medication: The use of over-the-counter medication among the elderly. Accepted Journal of Gerontological Nursing (October 2001).

Bartol, G. & Richardson, L. (1998). Creating cultural competence. Image: The Journal of Nursing Scholarship.

Richardson, L.A., Keller, A.M., Selby-Harrington, M.L., Parrish, R. (1996). Identification and treatment of Children's mental health problems by primary care providers: A critical review of research. Archives of Psychiatric Nursing, 10(5), 293-303.

Riportella-Muller, R., Selby-Harrington, M. L., Richardson, L. A., Donat, P. L. N., & Luchok, K. (1996). Public Health Reports. Barriers to the use of preventive health care services for children: The Case of the Early and Periodic Screening, Diagnosis and Treatment Program.

Krowchuk, H.V., Moore, M.L., Richardson, L.A. (1995). Using health care records as sources of data for research. Journal of Nursing Measurement, 3(1), 3-12.

Richardson, L. A., Selby-Harrington, M. L., Krowchuk, H. V., Cross, A., & Williams, D. (1993). Health outcomes of children receiving EPSDT checkups: A pilot study. Capsules and Comments in Pediatric Nursing, 9, 242-250.

Richardson, L. A., Selby-Harrington, M. L., Krowchuk, H. V., Cross, A., & Williams, D. (1993). Health outcomes of children receiving EPSDT checkups: A pilot study. Journal of Pediatric Health Care, 9, 242-250.

Richardson, L. A., Selby-Harrington, M. L., Krowchuk, H. V., Cross, A., & Williams, D. (1993). Comprehensiveness of well-child checkups for children n Medicaid: A pilot study. American, 8(5), 212-220.

Richardson, L. A., Selby-Harrington, M. L., Krowchuk, H. V., Cross, A., & Williams, D. (1993). Comprehensiveness of well-child checkups for children n Medicaid: A pilot study. Journal of Pediatric Health Care, 8(5), 212-220.

PUBLICATIONS, Continued

- Richardson, L. A., Selby-Harrington, M. L., & Sorenson, J. R. (1993). Guidance for using a pilot study to ensure the soundness of research. Journal of National Black Nurses' Association, 6(2), 44-55.
- Richardson, L. & Goodykoontz, L. (1993). Research. In R. P. Rawlings, S. R. Williams, & C. M. Beck (Eds.), Mental health-psychiatric nursing: A holistic life-cycle approach (3rd ed.) (pp. 850-861). St. Louis: Mosby.
- Smith, M., Baba, L., Richardson, L., Davis, D., & Pierce, J. (1988). Nursing theory: A framework for trauma nursing. In E. Howell, L. Widra, & M. Hill (Eds.), Comprehensive trauma nursing: Theory and practice (pp. 34-82). Boston: Scott, Foresman, and Company.

Articles Under Review

- Campbell, L.R., Aragon, S., & Bond, L. Rural Parents' preference of mental Health provider. Submitted to Archives of Psychiatric Nursing.

PRESENTATIONS

* indicates refereed presentation

** indicates invited presentation

- ** Richardson, L.A., Starr, S. (April, 2000). Preference of Provider for Mental Health Interventions. Second Annual Conference of the International Society of Psychiatric Mental Health Nurses. Miami, FL.
- ** Bartlett, T.R., Herrick, C., Richardson, L., Starr, S. (April, 2000). Education and Research in Developing a Psychiatric Mental Health System of Care for Emotionally Disturbed Children. Second Annual Conference of the International Society of Psychiatric Mental Health Nurses. Miami, FL.
- ** Richardson, L.A., McCoy, R., Hurd, E., Arbuckle, M. (March, 2000). Cultural Competence in the Classroom. CACE 2000 Conference, Greensboro, NC
- ** Richardson, L.A. (May, 1998). Coping with change in the health care delivery system. Speaker for graduates of the Moses Cone Internship Program. Greensboro, NC
- ** Richardson, L.A. (July, 1998). Cultural diversity. Speaker for the Girl State Convention. Greensboro, NC
- ** Richardson, L.A. (November, 1998). Parish Nursing. Speaker at Nursing Christian Fellowship November meeting. Greensboro, NC
- * Richardson, L. A., Keller, A. M., Selby-Harrington, M. L., Parrish, R. (1996, September). Identification and treatment of Children's mental health problems by primary care providers: A critical review of research. Paper presented at the Association of Child and Adolescent Psychiatric Nursing. San Diego, CA.

PRESENTATIONS, Continued

- ** Richardson, L. A. (1995, April). Leadership in changing times: Nursing's challenge. Speaker for the Induction Ceremony of the Gamma Zeta Chapter of Sigma Theta Tau International, Greensboro, NC.
- ** Bartol, G. & Richardson, L. (November, 1994). Creating cultural Competence. Paper presented at the Society for Education, Research, and Practice. Arlington, VA
- * Richardson, L.A. (September, 1994). Assessment of mental health problems among poor rural children: A pilot study. Paper presented at the Annual Conference of Child and Adolescent Psychiatric Nursing, Cincinnati, Ohio.
- * Richardson, L. A., & Selby-Harrington, M. L. (1994, July). Implementing research on culturally diverse population. Paper presented at the Summer Institute on Outcomes Research at Meharry University, Nashville, Tennessee.
- * Richardson, L. A., & Selby-Harrington, M. L. (1994, February). Health care providers' adherence to required components of EPSDT screens. Paper presented at a technical assistance workshop sponsored by the Agency for Health Care Policy and Research, San Francisco, CA.
- * Richardson, L.A., & Bartlett, T.R. (1994, May). Assessment of Mental health problems among poor rural children: A pilot study. Paper presented at the Psychiatric Nursing: State of the Art 1974-1994 Conference. The Ohio State University Hospitals, Columbus Ohio.
- * Bartol, G. & Richardson, L. (1994, March). Using Literary Works of Art to Promote Understanding. Paper presented at the Conference on Diversity in the Curriculum: Cultural, International, and Gender Issues, Atlanta, GA.
- * Richardson, L. A., & Selby-Harrington, M. L. (1993, October). Health care providers' adherence to required components of EPSDT screens. Poster presented at the meeting of the American Public Health Association, San Francisco, CA.
- * Riportella-Muller, R., Selby-Harrington, M. L., Richardson, L. A., Luchok, K., & Donat, P. L. N. (1993, October). Persistent structural barriers to preventive care use: The case of EPSDT. Poster presented at the meeting of the American Public Health Association, San Francisco, CA.
- * Krowchuk, H. V., Richardson, L. A., & Selby-Harrington, M. L. (1993, September). Health Care Providers Adherence to Required Components of EPSDT Screens. Paper presented at the Research Forum XIV, Sigma Theta Tau, Gamma Zeta Chapter, University of North Carolina at Greensboro, Greensboro, NC.
- * Richardson, L.A., DeClerque, J. L. C., & Selby-Harrington, M. L. (1993, September). Public health nursing research to improve use of preventive health services for children. Paper presented at the First International Conference on Community Health Nursing Research, Edmonton, Alberta, Canada.

PRESENTATIONS, continued

- * Riportella-Muller, R., Richardson, L. A., Luchok, K., Donat, P. L. N., Selby-Harrington, M. L. (1993, June). Non-financial barriers to preventive care use: The case of EPSDT. Paper presented at the 106th annual meeting for the Association for Health Services Research & the Foundation for Health Services Research, Washington, D.C.
- ** Richardson, L. A. (1993, May). Professionalism in the 90's. Presented at the Staff Development Conference, Lexington Memorial Hospital, Lexington, North Carolina.
- ** Richardson, L. A. (1993, April). Leadership in changing times: Nursing's challenge. Speaker for the Induction Ceremony of the Mu Tau Chapter of Sigma Theta Tau International, N C A & T State University, Greensboro, NC.
- ** Baber, C., Moore, C., Rhone, A., Richardson, L. A., Shuford, B. (1993, March). Women of color reflect on their instruction in gender. Panel discussion held at the Women Studies Conference, University of North Carolina at Greensboro, Greensboro, NC.
- * Richardson, L. A., & Selby, M. L. (1993, March). An assessment of health outcomes of children in the Early and Periodic Screening, Diagnosis, and Treatment (EPSDT) Program: A pilot study, North Carolina. Poster presented at the Primary Health Care of the Underserved Conference, Northeastern University, Boston, MA.
- * Richardson, L. A. & Selby, M. L. (1993, February). Health outcomes for children screened in the Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program: Pilot Study, North Carolina. Poster presented at the meeting of the Southern Nursing Research Society, Birmingham, AL.
- * Richardson, L. A. & Selby, M. L. (1993, January). Examining health outcomes of children in the Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program: A feasibility study. Poster presented at the Third Primary Care Research Conference of the Agency for Health Care Policy and Research, Atlanta.
- * Richardson, L. A., & Selby-Harrington, M. L. (1992, December). Examining the health outcomes of children in the Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program: A pilot study, North Carolina. Poster presented at the meeting of the Association of American Medical Colleges, Leesburg, VA.
- * Richardson, L. A. & Selby, M. L. (1992, October). A feasibility study to examine health outcomes for children screened in the Early and Periodic Screening, Diagnosis and Treatment program. Poster presented at the meeting of the North Carolina Nurses Association, Raleigh, NC.
- ** Richardson, L. A. (1992, February). The Healthy Kids Project. Presented at the 1992 Minority Health Conference, University of North Carolina at Chapel Hill, Chapel Hill, NC.

PRESENTATIONS, continued

- ** Richardson, L. A. (1990, April). Predicting treatment outcome for depressed psychiatric patients. Presented at the meeting of Sigma Theta Tau, Beta Nu Chapter, Eastern Carolina University, Greenville, NC.
- * Richardson, L. A. (1990, March). Predicting treatment outcome for depressed psychiatric in-patients. Poster presented at the meeting of the Southern Nursing Research Society, Orlando, FL.
- Richardson, L. A. (1988, December). Stress management. Presented at the regional meeting of the Endoscopy Nurses Association, Wesley Long Hospital, Greensboro, NC.
- * Richardson, L. A. (1988, February). Perceptions of environmental characteristics of psychiatric units: A study of depressed psychiatric patients. Poster presented at the Sigma Theta Tau Research Conference, Columbia, SC.
- ** Richardson, L. A. (1987, December). Keynote address presented at the Florida Agriculture & Mechanical University, Nursing Pinning Ceremony, Tallahassee, FL.

PROFESSIONAL DEVELOPMENT

Challenge Greensboro (October 1998-June 1998). Greensboro Educational Development Council Leadership Program, Greensboro, NC.

Research Grant Development Workshop on Rural Mental Health (invited to attend) (1992, November). National Institute of Mental Health: Office of Rural Health, Rockville, MD.

Technical Assistance Mentorship Program (invited to attend based on national call for concept papers) (1992, August). National Institute of Mental Health: Child and Adolescent Consortium, Rockville, MD.

Faculty Internship in Biological Psychiatry (invited to attend) (1992, August). National Institutes of Health Clinical Center Nursing Department, Bethesda, Maryland.

Leadership Program (invited to attend) (1989, November-1991, February). Kellogg Foundation: American Nursing Association.

GRANTS

Co-Principal Investigator. Improving Early Detection and Intervention of Breast Cancer Among Medically Underserved Minority Women. (\$30,000), North Carolina Affiliate of the Susan G. Komen Breast Cancer Foundation.

Principal Investigator. A technology Based Intervention to Promote Health. (\$1,754,346), Centers for Disease Control (not funded).

Principal Investigator. Mental Health Care for Low Income African American Youth. (\$10,000), National Institute of Nursing Research.

GRANTS, Continued

Principal Investigator. Improving Early Detection and Intervention of Breast Cancer Among Medically Underserved Minority Women. (\$30,000), North Carolina Affiliate of the Susan G. Komen Breast Cancer Foundation.

Using a University/Community Wellness Center to Improve Management of Chronic Illnesses (\$40,000). Center for Research on Chronic Illnesses, University of North Carolina at Chapel Hill. (Written for the University Community Wellness Center.)

Principal Investigator. Promoting Academic Success among Grandchildren who are Parented by their Grandparents. (\$500,000). Kellogg Foundation

Principal Investigator. Grandparent and Grandchildren in Grandparent Households. Weaver Foundation. (\$25,000), University of North Carolina at Greensboro.

Principal Investigator: (submitted February, 2000). Testing instruments measuring parents self-efficacy and expectations of seeking mental health care. Sigma Theta Tau Ruth. Council Research Award, (\$1000), University of North Carolina at Greensboro.

Principal Investigator: Establishing a Congregational Nurse Program (Submitted September, 1998). Moses Cone Behavioral Systems (\$28,000), University of North Carolina at Greensboro.

Principal Investigator: (submitted November 1, 1997). Developing an instrument measuring parents self-efficacy and expectations of seeking mental health care. Sigma Theta Tau Ruth. Council Research Award, (\$700), University of North Carolina at Greensboro.

Principal Investigator: (submitted, December, 1996; not funded). Testing an intervention to increase the use of mental health services for children and teens. W.T. Grant Foundation (\$225,000), University of North Carolina at Greensboro.

Co-Principal Investigator: (submitted October, 1993). African-American Experiences of Health, Illness, Loss and Grief. North Carolina Humanities Council Award, (\$6,429), University of North Carolina at Greensboro.

Co-Principal Investigator: (submitted July, 1993). African-American Experiences of Health, Illness, Loss and Grief: A Planning Grant. North Carolina Humanities Council Award, (\$740), University of North Carolina at Greensboro.

Principal Investigator: (approved but not funded). Child and adolescent mental health problems: Provider and parent recognition. American Nurses Foundation, (\$2700), University of North Carolina at Greensboro.

Principal Investigator: (1993, January-1994, January). The development of an instrument to identify the diagnostic and treatment practices of primary health care providers for childhood mental health conditions. Sigma Theta Tau Ruth Council Research Award, (\$400), University of North Carolina Greensboro.

GRANTS, Continued

Coinvestigator: (1992, April-1993, April). Refinement of Healthy Kids Project: Nursing interventions to improve Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program utilization. University Research Council Award, (\$4940), University of North Carolina at Greensboro.

Principal Investigator: (1991, June-1992, June). Developing an instrument measuring health outcomes of children enrolled in the Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program. Excellence Foundation Summer Research Award, (\$4000), University of North Carolina at Greensboro, NC.

Project Director

Project Director. Developing a training grant in breast cancer research to decrease disparity of morbidity and mortality in underserved minority women. Department of Defense (October 1, 2001 - September 30, 2005). Principal Investigator: Dr. Sylvia Flack.

ONGOING AND COMPLETED RESEARCH

Principal Investigator: Developing a grandparent as parent program. Winston-Salem State University.

Principal Investigator: Risk and protective factors for juvenile delinquency: What can grandparent headed-households tell us? Winston-Salem State University.

Principal Investigator: Establishing Content Validity on Instruments measuring parents' perceptions about seeking child and adolescent mental health care. University of North Carolina at Greensboro.

Principal Investigator: Child and adolescent mental health problems: Provider and parent recognition. University of North Carolina at Greensboro.

Principal Investigator: The development of an instrument to identify the diagnostic and treatment practices of primary health care providers for childhood mental health conditions, Sigma Theta Tau Ruth P. Council Award, (1993, January-1994, January): University of North Carolina at Greensboro.

Coinvestigator: Refinement of Healthy Kids Project: Nursing interventions to improve Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program utilization. University Research Council Award, (1992, April-1993, April): University of North Carolina at Greensboro.

Postdoctoral Trainee: Nursing interventions to increase Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program utilization, Minority Supplement (1991-1994): Agency for Health Care Policy and Research (5 R01 HS 06507-S). 1991, September-1993, June: Medical record review of clinical outcomes of children screened for EPSDT.

Lenora Richardson Campbell, DSN, RN

ONGOING AND COMPLETED RESEARCH, continued

Principal Investigator: Developing an instrument measuring health outcomes of children enrolled in the Early and Periodic Screening, Diagnosis and Treatment (EPSDT) program (1991, June-1991, December): grant funded by Excellence Foundation Summer Research Award, University of North Carolina at Greensboro, NC. Research completed (see Publications).

Principal Investigator: Ward atmosphere, personality characteristics, length of hospital stay and depression among depressed psychiatric inpatients (1985-1987): University of Alabama at Birmingham. Research completed (see Presentations).

Principal Investigator: Stress and coping among hypertensive patients (1985): University of Alabama at Birmingham. Research completed.

Coinvestigator: Cardiovascular reactivity among borderline hypertensive patients (1983-1984): Bowman Gray School of Medicine, Winston-Salem, NC. Research completed.

Coinvestigator: Factors which may predispose a blood donor to an anxiety reaction (1980): University of Maryland. Research project in MSN program. Research completed.

HONORS AND AWARDS

Recipient, Martin Luther King Service Award, University of North Carolina at Greensboro, 1997.

Associate member, Sigma Xi, The Scientific Research Society, 1993-present.

Fellow, American Nursing Association Minority Leadership Program, Kellogg Foundation, 1989-1991.

Member, Sigma Theta Tau Honor Society since 1987.

Awarded Graduate Fellowship, University of Alabama, 1986-1987.

Awarded Board of Governor's Study Grant, General Administration, University of North Carolina, 1985.

Graduated with honors, Florida Agricultural and Mechanical University, 1976.

CONSULTATIONS

Richardson, L. A. (1998-2000). NCLEX Reviewer, Winston-Salem State University, Department of Nursing, Winston-Salem, North Carolina.

Richardson, L. A. (1987-1989). NLN/ANR NCLEX Review Instructor.

Richardson, L. A. (1983, 1984). NCLEX Consultant, Florida Agricultural and Mechanical University, School of Nursing, Tallahassee, Florida.

Lenora Richardson Campbell, DSN, RN

CONSULTATIONS Continued

Hayes, P.L., & Richardson, L.A. (1993). Professional Development Seminar.
Lexington Memorial Hospital, Lexington, North Carolina

PROFESSIONAL ORGANIZATION MEMBERSHIPS AND SERVICE

International Society of Psychiatric Nursing
American Nurses Association
North Carolina Nurses Association
North Carolina League for Nursing
Guilford County Mental Health Association
American Psychiatric Nurses Association
Southern Nursing Research Society

PROFESSIONAL ORGANIZATION MEMBERSHIPS AND SERVICE, Continued

Sigma Theta Tau, International
American Public Health Association
Agency for Health Care Policy and Research (grant reviewer)
Substance Abuse and Mental Health Services (grant reviewer)
United Way of Greensboro (grant reviewer)
Women's Studies, University of North Carolina Greensboro (grant reviewer)

UNIVERSITY SERVICE

School of Nursing

Admission and Progression Committee, School of Nursing, 1998-present
BSN Council, 1989-present
MSN Council, 1989-present
Ruth P. Council Research Committee (Chair), Sigma Theta Tau, 1997-1999
Committee on Faculty Development in Race and Gender Scholarship, (Chair) 1995-1997.
African-American Studies Advising Board, 1993-present.
Learning Resources Committee, 1989-1991
Promotion and Tenure Committee, 1997-1999
Teaching Excellence Award Committee, 1996-1998
Committee on Faculty Development in Race and Gender Scholarship, 1992-1995.
Faculty Governance Task Force, School of Nursing, 1991-1992.
Evaluation Committee, School of Nursing, 1991-1995.
Advisor, Black Nursing Students Association, School of Nursing, 1991-present.
Curriculum Committee, School of Nursing, 1989-1991.
Health Promotion Committee, 1989-1990.
Admission and Progression Committee, School of Nursing, 1988-1990.
Search Committee for Associate Dean, School of Nursing, 1988-1989.

University

Institutional Animal Care and Use, 2001 - present
North Carolina Council on Undergraduate Research, 2001 - present
Misconduct in Research Committee, 2001- present.
Minority Biomedical research Support Advisory Committee, 2001-present
General Education Core Committee, 1999-2001
Cultural Competence Committee (GIFTTS), 1999-2001
African American Studies Program Committee, 1993-2001
University Planning Council, 1997-1999
Linda Carlise Grant Committee of the Women's Study Program, 1995-2001
Equal Opportunity and Intergroup Relations Committee, 1996-1998
Faculty Development in Race and Gender Scholarship Committee, 1993-1998

COMMUNITY SERVICE

Challenge Greensboro Steering Committee, September 1998 - present.

Member, Board of Directors, Family Life Council, beginning January 1999

Member, Board of Directors, Triad Health Project, beginning January, 1999

North Carolina Agricultural and Extension Program. Enhancing self-esteem.
Presented at the Annual Teen Parent Conference, May, 1993.

Family Life Council. Preventive health care for children. Presented at a
meeting for teenage parents, January, 1993.

Delta Sigma Theta Sorority. Learning to love yourself. Presented at a meeting
for high school scholarship contestants, October, 1992.

Committee, Parent Education Roundtable, August, 1992-present.

North Carolina Agricultural and Extension Program. Building self-esteem.
Presented at the Annual Teen Parent Conference, May, 1992.

Committee Member, Good Beginnings for Teen Parents, Family Life Council,
December, 1991 - 1994.

Volunteer, Teen Crisis Hot Line, Youth Focus, May. 1997 - 2000.

Chair, Good Beginnings for Teen Parents, Family Life Council, August 1994 - 1997.

CURRICULUM VITAE

NAME: Sharon A. Jackson, Ph.D.

CURRENT ACADEMIC TITLE: Associate Professor

ADDRESS:

RESIDENCE: 2815 Nevil Drive
Winston-Salem, North Carolina 27107
Telephone: (336) 785-0384

BUSINESS: Department of Public Health Sciences
Wake Forest University School of Medicine
Winston-Salem, North Carolina 27157-1063
Telephone: (336) 716-3406
Fax: (336) 713-4300

PERSONAL INFORMATION:

BIRTHPLACE: Nashville, Tennessee

BIRTH DATE: October 28, 1953

CITIZENSHIP: USA

MARITAL STATUS: Single

EDUCATION:

1975 University of Florida
Gainesville, Florida
B.S. (Medical Technology)

1980 University of Florida
Gainesville, Florida
Master of Education/Health Occupations Education

1993 University of South Florida
Tampa, Florida
Ph.D. (Epidemiology and Biostatistics)
Thesis: "Correlates of Coronary Heart Disease Risk
Factors in Premenopausal Black and White Females"
Advisor: Paul E. Leaverton, Ph.D.

POSTDOCTORAL TRAINING:

1993 - 1995

Fellow
Department of Internal Medicine
Section on Gerontology
Wake Forest University School of Medicine
Winston-Salem, North Carolina
Responsibilities: Conduct research in cardiovascular diseases epidemiology in elderly populations: study conception, design, execution and data analysis; secondary data analysis of existing data sets.

PROFESSIONAL CERTIFICATION:

1975-1992

Medical Technologist
American Society for Clinical Pathologists
MT (ASCP)

1975-1992

Clinical Laboratory Technologist
State of Florida
Department of Health and Rehabilitative Services

1980, 1983

Clinical Laboratory Scientist (CLS)
National Certification Agency for Medical Laboratory
Personnel

EMPLOYMENT:

Effective July 2002

Associate Professor
Department of Public Health Sciences
Section on Epidemiology
Wake Forest University School of Medicine
Winston-Salem, NC 27157

October 2001-Present

Interim Assistant Director
Maya Angelou Research Center on Minority Health
22 Miller Street
Winston-Salem, NC 27104

July 95-Present

Assistant Professor
Department of Public Health Sciences
Section on Epidemiology
Wake Forest University School of Medicine
Winston-Salem, North Carolina

December 1983-
August 1992

Assistant Professor (tenured)
Department of Medical Laboratory Sciences
University of Florida
Gainesville, Florida
Responsibilities: Instruct medical technology and clinical and community dietetic students in clinical chemistry,

laboratory techniques; coordinate clinical rotations in clinical chemistry; advise and counsel students; recruit, interview and select students.

June 1980-
November 1983

Assistant Professor
Clinical Laboratory Sciences
University of Alabama in Birmingham
Birmingham, Alabama

Responsibilities: Instruct students in clinical chemistry, laboratory techniques, urinalysis; coordinate clinical rotations in clinical chemistry; advise and counsel students; recruit, interview and select students.

June 1976-
June 1979

Assistant Supervisor
Clinical Chemistry
James A. Haley Veterans Administration Hospital
Tampa, Florida

Responsibilities: Review daily chemistry results for validity; monitor and evaluate quality assurance; instrumental repair and preventive maintenance; performance of analytical determinations in clinical chemistry and urinalysis; supervisory duties in absence of supervisor.

June 1975-
June 1976

Medical Technologist
Tampa General Hospital
Davis Island
Tampa, Florida

Responsibilities: Perform analytical determinations in chemistry, hematology, serology, urinalysis and microbiology; perform and evaluate quality control, instrumental preventative maintenance.

OTHER PROFESSIONAL APPOINTMENTS AND INSTITUTIONAL SERVICE:

EDITORIAL WORK

Reviewer:

- American Journal of Public Health
- The Gerontologist
- JAMA
- Journal of the American Geriatrics Society
- Journal of Applied Gerontology
- Journal of the National Medical Association

EXTERNAL GRANT REVIEWER

Minneapolis Medical Research Foundation

UNIVERSITY SERVICE:

University of Florida:

University-wide:

Association of Black Faculty and Staff

- Nominations Committee, 1984, 1985
- Secretary, 1984
- President, 1992-93

Faculty Recruiter, UF Graduate School

Member, Minority Student Committee, 1987-1989

Chair, Office of Affirmative Action Search Committee, 1991

Chair, Minority Recruitment and Retention Council, 1990-1992

Member, Council on Affirmative Action, 1992

- Chair, Subcommittee on Video/Display/Brochure
- Chair, Delores A. Auzenne Fellowship Selection Committee, 1992

College of Health Related Professions Faculty Representative to University Faculty Senate, 1985

College of Health Related Professions:

Marshall, Graduation Ceremonies, College of Health Related Professions, 1985

Member, Clinical and Community Dietetic Search Committee, 1988

Co-Chair, Career and Information Committee, Department of Medical Technology, 1987-1992

Advisor, Health Related Professions College Council, 1987-1989

Wake Forest University School of Medicine:

Medical Center:

Interim Assistant Director, Maya Angelou Research Center on Health, 2001

Women Faculty Liaison to American Association of Medical Colleges (AAMC), 2001

Chair, Committee on Women and Minorities, 2000-2001

Member, Women and Minorities Committee, 1997-2000

Member, Admissions Committee, 1999-present

Member, Minority Faculty Development Task Force, 1998-2000

Women's Health Center of Excellence (WHCOE):

- Faculty liaison, Community Advisory Board, 1998-2000
- Member, Education Subcommittee, 1997-Present
- Member, Public Education Task Force, 1997-2000
- Member, Leadership Committee, 2000-present

Culture and Diversity Advisory Committee, 1999-present

Member, Cultural Competency Theme Team for Prescription Excellence Curriculum, 2001

Lecturer, Mentor for CERTL (Center of Excellence for Research, Teaching and Learning), 1999-present

Pepper Center, MOSS Core, Community Research Subcommittee, 2000-present

Member, NCBH Phase I CR Committee, 1995-1996

Department of Public Health Sciences:

Graduate Program Committee, 1998-2000

Member, Mistreatment Committee, 1997-Present

Chair, Ad-Hoc Committee on Post-Docs/Research Faculty, 1998

Member, Professional Development Committee, 1996-1998

Member, Faculty Retreat Committee, 1996, 2000

Faculty Coordinator, 1996 United Way Campaign

PROFESSIONAL MEMBERSHIPS:

American Society for Medical Technology (member: 1975-1992)

- Member, Registration Committee (ASMT Region III Meeting)
- Article Reviewer, ASMT, MLO
- Book Reviewer: C.V. Mosby, Co.
- Workshop Co-Chairman, 1985 National Meeting
- ASCP Exam Review Book Item Writer and Reviewer
- Member, National Committee, NCA Exam Review Text
- Member, ASMT E & R Fund, Scholarship Committee
- President-Elect Forum for Concerns of Minorities, 1988-89
- National President, Forum for Concerns of Minorities, 1989-90
- Member, Committee on Pre-college Education, 1990-92

Alabama State Society for Medical Technology (member: 1980-1983)

- Biochemistry Scientific Assembly Co-Chair, 1982
- Biochemistry Scientific Assembly Chair, 1983
- Chair, Registration Committee, Fall Semester, 1982
- Judge, Student Bowl Competition, 1981-83
- Workshop Instructor: Instrumental Problem Solving, Fall Seminar, 1982
- Omicron Sigma Honor Roll, 1982, 1983
- Florida Division, American Society for Medical Technology
- Omicron Sigma Honor Roll, 1987, 1988, 1989, 1990
- Chair, Scholarship and Loan Committee, 1984-87
- Workshop Instructor, Central Florida Chapter, October, 1984, 1985
- Secretary, 1985-87
- Delegate to ASMT National Convention, 1987-1991
- President Elect, 1988-89
- Unity Council Representative, 1988-90

Florida Division, American Society for Medical Technology (member: 1983-1992)

- Chair, Education Committee, Unity Council, 1988-89
- President, 1989-90
- Program Chairperson, Joint Annual Spring Convention of Florida Medical Technologists, 1990

National Certification Agency for Medical Laboratory Personnel

- Item Writer/Reviewer, Certification Examination

American Association of Clinical Chemistry (member: 1983-1992)

National Society of Allied Health (member: 1983-1992)

Clinical Laboratory Educators of Florida (member: 1983-1992)

American Heart Association (member: 1994-present)

- Council on Epidemiology
- Member, Committee on Minority Affairs

Gerontological Society of America (member: 1994-present)

American Public Health Association (member: 1994-present)

NC Center for Public Policy Research (member: 1995-1997)

Southern Gerontological Society (member: 1994-present)

HONORS AND AWARDS:

Awards:

Outstanding Medical Technology Student, 1975
Graduated with High Honors
Lambda Tau Honorary Society (MT)
Alpha Lambda Delta Freshman Honor Society

Alpha Eta Honor Society: Student Member (Allied Health)
Kappa Delta Pi Honor Society (Education)
Delta Omega Honor Society (Public Health)
Alpha Eta Honor Society: Faculty Member (Allied Health)
Faculty Support Center Software Development Grant, 1984-85
Teacher of the Year, College of Health Related Professions, 1985
Omicron Sigma, ASMT Presidents Honor Roll for Outstanding Service, 1985-1990
Outstanding Young Leaders in Allied Health Professions Conference participant, 1985
Ruth I. Heinemann Award, Education and Research Fund, Inc., ASMT, 1987
McKnight Faculty Fellow, McKnight Foundation, 1988-1989
Delores A. Auzenne Fellowship Faculty Recipient, 1989-1990
Invited Fellow, American Heart Association's Council on Epidemiology 16th Annual Seminar on
Cardiovascular Epidemiology, 1990
College of HRP Teacher of the Year Nominee, 1988, 1991
College of HRP Outstanding Alumnus Nominee, 1988, 1989

Invited lectureships:

Jackson SA. The aging heart and the epidemiology of cardiovascular disease in older women.
Presented at the NIH Seminar: Women's Health in the Middle and Later Years sponsored by the
Office of Research on Women's Health, Bethesda, Maryland, December 5, 1996.

PROFESSIONAL INTERESTS:

Research interests: cardiovascular diseases epidemiology, cultural and psychosocial correlates of
health, minority health, minority representation in medical research

Research in progress:

Current research efforts are focused on factors influencing minority participation in medical research,
psychosocial correlates of the development and progression of subclinical atherosclerosis,
cardiovascular disease in older African Americans, physical and mental health effects of caregiving,
and effects of ginkgo biloba on cognitive function in the elderly.

GRANTS:

CURRENT:

Principal Investigator, 10%, 10/01/00-09/30/04
Study of Multiethnic Adherence and Recruitment Techniques (SMART-R)
NIH/NCMHD (\$185,000)

The purpose of SMART-R is to investigate factors that influence research participation by
underrepresented minority groups.

Co-Principal Investigator (WFUSM Field Center) 8% (Schulz), 07/01/97-05/30/02
Psychiatric and Physical Health Effects of Caregiving
(Subcontract: University of Pittsburgh)
NIMH (\$55,675)

The purpose of the Caregiver Study is to assess the physical and psychiatric health effects of caregiving in a representative sample of elderly persons aged 65 and over.

Co-Principal Investigator, 30% (Richard Dean), 1/01/02-12/31/02
Maya Angelou Research Center on Minority Health (MA-RCMH)
Winston-Salem Foundation (\$500,000)

The goal of the Center is to enhance wellness, improve quality of life, and reduce the burden of disease in underrepresented minorities through a comprehensive program of health education, research, and dissemination/application of new research findings.

Co-Principal Investigator, 30% (Richard Dean), 1/01/02-12/31/02
Maya Angelou Research Center on Health (MARCH)
Winston-Salem Foundation (\$80,000)

The goal of the Center is to enhance wellness, improve quality of life, and reduce the burden of disease in underrepresented minorities through a comprehensive program of health education, research, and dissemination/application of new research findings.

Co-Investigator, 20% (Burke), 01/15/99-01/14/09
MultiEthnic Study of Atherosclerosis (MESA)
NIH/NHLBI (\$263,702)

Population-based cardiovascular epidemiologic study being conducted in 6 Clinical Centers. Its purpose is to study the characteristics of subclinical cardiovascular disease that predict progression to clinically overt CVD.

Co-Investigator, 15% (Wolfson), 4/1/01 - 9/30/06
Free to Grow
Robert Wood Johnson Foundation \$401,348

The Free to Grow Program is an effort to support the adaptation, implementation, and evaluation of innovative, research-based substance abuse prevention models designed to strengthen the families and communities of Head Start children in 18 communities throughout the U.S.

Co-Investigator, 10% (Burke), 10/01/99-09/30/05
Ginkgo Evaluation of Memory Study (GEMS)
NIH/NCCAM (\$332,546)

Community-based clinical trial of the mental health benefits of Ginkgo biloba in an elderly population.

Co-Investigator, 10% (Reboussin), 01/31/00-01/30/05
Iron Overload and Hereditary Hemochromatosis (IOHH)
NIH/NHLBI (\$578,042)

Observational study of the prevalence, genetic and environmental determinants, and potential clinical, personal and societal impact of IOHH.

Co-Investigator, 5% (Burke), 06/01/99-05/31/05
Cardiovascular Health Study (CHS)
NIH/NHLBI (\$517,319)

Population-based cardiovascular epidemiologic study being conducted in four clinical centers for morbidity and mortality follow-up of the original CHS cohort.

Co-Investigator, 5% (Bell), 11/01/00-10/31/03
Cardiovascular Disease Enhanced Dissemination and Utilization Center in Robeson and Columbus Counties, North Carolina
NIH/NHLBI (\$450,000)

The goal of this project is to establish a cardiovascular disease education program in two rural southeastern North Carolina counties.

Co-Investigator, 5% (Marco Pahor), 07/01/97-06/30/02
Claude D Pepper: Older Americans Independence Center
NIA (\$1,058,282)

A center to develop and implement interventions which prevent functional decline in the elderly.

PENDING:

Co-Investigator, 20% (Abramson) 12/01/01-11/30/06
Child Health Research Career Development Award
NIH/CHRCDA (\$2,154,950)

The purposes of this proposal are to enhance existing Departmental and School strengths in basic and translational pulmonary research, expand the pediatric basic and translational research component of the recently established WFUSM Human Genomics Research Center of Excellence, and augment the existing Department and School research strengths in the area of violence and substance abuse prevention.

PAST GRANT HISTORY:

Principal Investigator, 0%, 04/01/99-03/31/00. The social and cultural correlates of coronary heart disease (CHD) risk factors in African American females
Wake Forest University School of Medicine, Intramural Research Support

A study to identify and examine the social and cultural correlates of physical inactivity and obesity among African American females

Principal Investigator, 0%, 9/01/00-8/30/01
Attitudes of African-American and Low SES White women towards medical research
Wake Forest University School of Medicine, Women's Health Center of Excellence (\$12,500)

A study to identify causes of underrepresentation in medical research

Co-Investigator, 5% (Shumaker), 10/01/99-09/30/01
Women's Health Center of Excellence
DHHS

Minimize the economic, social and institutional barriers to achieving optimal health in women.
Researchers and clinicians strive to interact with women in the community so that together they can identify mutual goals for improving health care in the community.

BIBLIOGRAPHY:

BOOK CHAPTERS:

Jackson SA. Pregnancy. In: Davis BG, Bishop ML, Mass D (Eds): Clinical Laboratory Science: Strategies for Practice. Philadelphia, JB Lippincott, 1989.

Jackson SA. Epidemiology of Aging. In Hazzard WR, Blass JP, Ettinger WH, Halter JB, Ouslander JG (Eds). Principles of Geriatric Medicine and Gerontology, Fourth Edition. McGraw-Hill Publishers, New York, New York, 1998.

JOURNAL ARTICLES (published or in press)

Jackson SA, Shiferaw B, Anderson RT, Heuser MD, Wofford JL, Hutchinson K, Mittelmark MB. Racial differences in the use of formal home and community services: the Forsyth County Aging Study (In press: Journal of Health Care for the Poor and Underserved).

Diez Roux AV, Kiefe CI, Jacobs DR Jr, Haan M, **Jackson S,** Nieto FJ, Paton C, Schulz R. Neighborhood characteristics and individual-level socioeconomic position indicators in three large epidemiologic studies (In press: Annals of Epidemiology).

Diehr P, Newman AB, **Jackson SA,** Kuller L, Powe N. Weight modification trials in older adults: what should the outcome measure be? Current Controlled Trials in Cardiovascular Medicine, 2002;3:1.

Espelund MA, Zheng B, Brown WM, Kumanyika S, **Jackson SA,** Bahnson J, Wilson AC, Yunis C, Appel LJ. Electrolyte intake and nonpharmacologic blood pressure control. (In press: Annals of Epidemiology)

Jackson S, Burke G, Manolio T, Powe N, Ives D, Cushman M, Braun T. Incidence of coronary heart disease among older African Americans: The Cardiovascular Health Study. Journal of the National Medical Association, 2001;93:423-429.

Jackson S, Camacho D, Freund K, Bigby J, Walcott-McQuigg J, Hughes E, et al. Women's Health Centers and Minority Women: addressing barriers to care. Journal of Women's Health and Gender-based Medicine, 2001;10:551-559.

Schulz R, Beach SR, Lind B, Martire LM, Zdaniuk B, Hirsch C, **Jackson S,** Burton L. Involvement in caregiving and adjustment to death of a spouse: findings from the caregiver health effects study. JAMA, 2001;285(24):3123-9.

Jackson S, Burke G. Heart disease prevention in US women. There is more work to be done. Archives of Family Medicine, 2000;9(6):516-7.

Anderson RT, Bradham DD, **Jackson SA**, Heuser MD, Wofford JL, Colombo KA. Caregivers' unmet needs for assistance caring for functionally impaired elderly persons. Journal of Health Care for the Poor and Underserved, 2000;11:412-29.

Jackson S, Anderson R, Johnson N, Sorlie P. Is degree of residential segregation related to all-cause mortality: a study in black and white. American Journal of Public Health, 2000;90: 615-617.

McMichael AJ, **Jackson SA**. Delivery of dermatologic health care to minority populations. Dermatologic Clinics, 2000;18: 229-233.

Yunis C, **Jackson SA**, Carter L, Marcus C. Hypertension and associated risk factors in young African-American women attending a community health and wellness center. Journal of the North Carolina Medical Society, 2000;61:2-4.

Beach SR, Schulz R, Yee JL, **Jackson S**. Negative and positive health effects of caring for a disabled spouse: longitudinal findings from the caregiver health effects study. Psychology & Aging, 2000;15(2):259-71.

McMichael AJ, **Jackson SA**. Practices and awareness of patients at a skin cancer screening. North Carolina Medical Journal, 1998;59:294-297.

Kuller L, Fisher L, McClelland R, Fried L, Cushman M, **Jackson S**, Manolio T. Differences in prevalence and risk factors for subclinical vascular disease among black and white participants in the Cardiovascular Health Study. Arteriosclerosis, Thrombosis and Vascular Biology, 1998;18:283-293.

Schulz R, Newsom J, Mittelman M, Burton L, Hirsch C, **Jackson S**. Health effects of caregiving: The Caregiver Health Effects Study. An ancillary study of the Cardiovascular Health Study. Annals of Behavioral Medicine, 1997;19:110-116.

Jackson SA, Mittelman MB. Unmet needs for formal home and community services among African-American and White older adults: The Forsyth County Aging Study. Journal of Applied Gerontology, 1997;16:298-316.

IN REVIEW:

Jackson S, Corbie-Smith G, Terrell D, Moody-Ayers S, Bahnson J. Satisfaction with clinical trial participation: a new look at an old story. Results from the Trial of Nonpharmacologic Interventions in the Elderly (TONE) (Controlled Clinical Trials).

Gardin JM, McClelland R, Polak J, **Jackson S**, Smith V, Gorttdiener J. Aortic root dimension in the elderly: Association with subclinical disease and predictive value for heart failure and stroke. The Cardiovascular Health Study.

Hirsch CH, Anderson M, Newman AB, Gottdiener J, Kop WJ, Tracy R, **Jackson SA**, McBurnie MA, Fried LP. The association of race with frailty: The Cardiovascular Health Study. (American Journal of Epidemiology)

Bookwala J, Zdaniuk B, Burton L, Lind B, **Jackson S**, Schulz R. Concurrent and Long-term Predictors of Older Adults' Use of Community-based Long-term Care Services: The Caregiver Health Effects Study. (Journal of Gerontology)

Burton L, Zdanuik B, Schulz R, **Jackson S**, Hirsch C. Transitions in spousal caregiving. (The Gerontologist)

ABSTRACTS

Newman AB¹, Fitzpatrick A², Jackson S³, Lopez O¹, Lyketsos C⁴, Jagust W⁵, Ives D¹, and DeKosky S¹. Incidence of dementia subsequent to cardiovascular disease: The Cardiovascular Health Study
National meeting of the American Geriatric Society, May 2002.

Jackson SA. Sociocultural Correlates of Obesity and Physical Inactivity among Older African-American Females. Gerontological Society of America's 53rd Annual Scientific Meeting, Washington DC, Nov.17-21, 2000.

Williams SW, **Jackson SA**, Craven T. The role of social resources in the relationship between pain and disability. Gerontological Society of America's 53rd Annual Scientific Meeting, Washington DC, Nov.17-21, 2000.

Williams SW, **Jackson SA**, Craven T. Education and Perceived General Health: The Observational Arthritis Study in Seniors. Paper: Annual North Carolina Summer Symposium on Aging, Asheville NC, July 2000.

Susan Anthony, Patricia Hogan, Lisa Palmer, Cheryl Albright, PhD, and **Sharon Jackson, PhD** for the ACT Investigators. The Activity Counseling Trial (ACT): Participant End-of-Study Survey Results. Controlled Clinical Trials, 2000; 21:78S.

Jackson SA, Shiferaw B. The predictive ability of the Andersen-Newman model for community services use by older adults. The Gerontologist, 1998; 38 (special issue):138.

Yee JL, Schulz R, **Jackson S**. The effects of caregiving on men and women: an examination of preventative health behaviors, depressive symptoms, and coping resources. The Gerontologist, 1998; 38 (Special Issue 1): 316-317

Jackson SA, Anderson RT, Clark L, Colombo K. Increasing participation in cardiac rehabilitation (the INSPIRE Study)[abstract]. Circulation (Suppl 1), 1998;98(17):707.

Jackson SA, Yunis C, Carter L, Marcus C. A socio-ecologic model for health promotion in African Americans. Ethnicity and Disease, 1998;8:281.

Yunis C, **Jackson SA**, Carter L, Marcus C. Prevalence of cardiovascular disease risk factors in young African American women attending a community health and wellness center. Ethnicity and Disease, 1998;8:282.

McMichael AJ, **Jackson SA**. Practices and Awareness of participants at a skin cancer screening

The Journal of Investigative Dermatology, 1997; 108: 364.

Burton LC, Schulz R, Beach S, Hirsch C, **Jackson S**. Financial burden of medical expenses for spousal caregivers. Presented at the annual meeting of the Association of Health Service Research, Washington, DC, June 1998.

Beach SR, Schulz R, **Jackson S**. Changes in intensity of caregiving as a predictor of changes in caregiver physical and mental health and service utilization. The Gerontologist 1997.

Goldstein AB, Schulz R, **Jackson S**. Caregiver experience before and after the death of the care-recipient. The Gerontologist 1997.

Creative Works:

The Multirule Westgard Procedure: A Computer Assisted Instructional Module (CAI).

The Multirule Westgard Procedure: Practical Applications (a CAI).

COMMUNITY ACTIVITIES AND SERVICE:

Today's Woman Health and Wellness Center

- Community Advisory Board, 1995-present
- Chair, Strategic and Corporate Planning Committee, 1999 - present

March of Dimes

- Member, Community Grants Committee, 1999-2001

Sci Works

- Member, Board of Directors, 1999-present

Habitat for Humanity

- Member, Steering Committee (Women's Build), 2001

BIOGRAPHICAL SKETCH

Name: Nanda, Joy P.

Education:

| Institution and Location | Degree | Year | Field of Study |
|--|--------|------|------------------------------------|
| Berhampur University, India | BSc | 1973 | Biol(Zoology Hons), Chemistry |
| Berhampur University, India | MS | 1975 | Life Sciences(Zoology) |
| Johns Hopkins University, Baltimore MD | MHS | 1983 | Reproductive Health & Fam.Planning |
| Johns Hopkins University, Baltimore MD | DSc | 2001 | MCH-Community-Behav Epidemiol |

PROFESSIONAL EXPERIENCE:

- 1983-1986 Research Analyst, Mental Hygiene, Behavioral Sciences and Health Education Departments, Johns Hopkins School of Public Health, Baltimore, Maryland
- 1986-1997 Research Analyst, Maternal and Child Health, Johns Hopkins Univ. School of Public Health, Baltimore
- 1986-1992 Research Associate/ Primary Care Residency Program Evaluator, University of Maryland Medical System, Baltimore, Maryland
- 1995-2000 Clinical Epidemiologist/Biostatistician, Delmarva Foundation for Medical Research, Easton, Maryland
- 1987-Present Biostatistical Instructor/ Methodology Consultant, Johns Hopkins Univ. School of Nursing, Baltimore, Maryland
- 1997-Present Research Analyst/Epidemiologist/Biostatistician, Maternal and Child Community Health Science Consortium, Safe and Sound Evaluation Center Johns Hopkins School of Public Health, Baltimore, Maryland, Baltimore City Data Collaborative

SCHOLARSHIPS/HONORS/AWARDS

- National Merit Scholarship Award, 1973-1976
- Council of Scientific and Industrial Research Award, 1976-1979
- National Scholarship for Studies Abroad, 1979-1982
- Department of Health and Human Services MCH Training Award, 1988-1992
- Delta Omega Honorary Society Annual Scientific Competition, 3rd prize, 2001

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS/OFFICES/ADVISORY COUNCILS/BOARDS

- American Public Health Association
- The National Caucus and Center on Black Aged
- Maryland Public Health Association
- Institutional Review Board Member, Baltimore City Health Department
- Middle East Community Organization
- West Baltimore Health and Hospital Consortium
- Beta Tester, SPSS Inc. V9, V10, V11, V11.5

PUBLICATIONS (Peer reviewed):

- Ellen, J., Gurvey, J., Tschann, J., **Nanda, J.**, Catania, J. A randomized comparison of A-CASI and phone interviews to Assess STD/HIV-related Risk Behaviors in Teens. **J. Adolescent Health** (2002), 31: 26-30

Nanda, Joy P.

Huss, K., Winkelstein, M., **Nanda, J.**, Nauman, P., Sloand, E., Huss, R. Computer Game for Inner City Children Does Not Improve Asthma Outcomes. **J. Ped. Health** (2002, in press)

Shankar, S., **Nanda, J.**, Landrigan, J. Do you know your height? Predictors of height non-reporting among El-Salvadorean Immigrants in Washington D.C. **J. Immigrant Health** (2003, in press)

Huss K, Nauman, P, Mason, P, **Nanda J**, Huss, R, Smith, C, Hamilton, R. Asthma severity, atopic status, allergen exposure and quality of life in elderly persons. Ann Allergy Asthma Immunol. (2001);86(5):524-530.

Huss K, Winkelstein M, Calabrese B, **Nanda J**, Quartey R, Butz A, Resto M, Huss R, Rand CS. Rural school nurses' asthma education needs. J Asthma. (2001);38(3):253-260.

Paluzzi, P., Gaffikin, L., **Nanda, J.** The American College of Nurse-Midwives' Domestic Violence Education Project: evaluation and results. J Midwifery Womens Health. (2000);45(5):384-391.

Shankar, S., **Nanda, J.**, Bonney, G., Coffee, V. Obesity differences between African American men and women J. Natnl Medical Assoc. (2000) 92:22-28

Gaston-Johansson, F., Ohly, K., Fall-Dickson, J., **Nanda, J.**, Kennedy, M. Pain, The Effectiveness of a Comprehensive Coping Strategy Program on Pain, Anxiety, and Health Status in Patients with Breast Cancer Scheduled for autotransplantation Cancer Practice (2000) 23(4): 277-285

Cassady, C., Starfield, B., Hurtado, M., Berk, R., **Nanda J.**, Friedenborg, L. Measuring consumer experiences in primary care. Pediatrics:(2000). 105(4 pt 2): 998-1003

Gaston-Johansson, F., Ohly, K., Fall-Dickson, **J., Nanda, J.**, Kennedy, M. Pain, psychological distress, health status, and coping in patients with breast cancer scheduled for autotransplantation. Oncology Nursing Forum (1999) 26(8): 1337-1344

Calabrese, B., **Nanda J.**, Huss, K., Winkelstein, M., Quartey, R., Rand, C. Asthma Knowledge, Roles, Functions and Educational Needs of Maryland School Nurses. J. School. Hlth. (1999) 69(6):233-238

Huss, K., **Nanda, J.**, Nauman, P., Mason, P., Hamilton, RG., Crissey, K., Hardegen, J., Bennet, R., Adkinson, NF. Environmental Allergens: Influences on Asthma Severity, Health Status, and Quality of Life of Elderly Persons with Asthma. JACI(1999), 103(1 pt.2): S77

Starfield, B., Cassady,C., **Nanda, J.**, Forrest, C.,Berk,R. Consumer Experience and Provider Perceptions of the Quality of Primary Care: Implications for Managed Care. Jl. Fam.Pract.

Nanda, Joy P.

(1998), 46(3):216-226

Molinari, G. and **Nanda J.**, Swallowing Testing and Aspiration Pneumonia among Elderly Stroke Victims. **Annals Neurol.** (1998), 44(3): 513

Misra, D., Strobino, D., Stashinko, E., Nagey, D., and **Nanda, J.** Effects of Physical Activity on Preterm Births. A.J. Epi (1998), 147(7):628-635

Berk, R. and **Nanda, J.** Effects of Jocular Instructional Methods on Attitudes, Anxiety & Achievement in Statistics Courses Humor: Internatnl Jl. Humor Research. (1998), 11:383-409

Berk, R. and **Nanda, J.** Predictors of Health Care Needs Among HIV/AIDS Patients. AIDS: International J AIDS Res (1997), 9(2): 143-160

Berk, R., Baigis-Smith, J. and **Nanda, J.** Health Care Needs of Persons with HIV/AIDS in Various Settings. Western Journal of Nurs. Res. (1995), 17: 649-673

Strobino, D., Ensminger, M., Kim, Y., and **Nanda, J.** Mechanisms for Maternal Age Differences in Birth Weight. Am. J. Epidemiol. (1995), 142 (5): 504-514

Strobino, D., Ensminger, M., **Nanda, J.**, Kim, Y. Young Motherhood and Infant Hospitalization in First Year of Life. J. Adolescent Health (1992), 13(7):553-570

Moran, M. and **Nanda, J.** Evaluation of Primary Care Residency Training Program: Assessment of Three Cohorts. Medical Teacher (1992), 14(2-3):223-229

Rolf, J., **Nanda, J.**, Baldwin, J., Chandra, A. and Thompson, L. Substance Abuse and HIV/AIDS Risks among Delinquents: A Prevention Challenge. International J. Addiction (1990-91), 25(4A):533-559

Rolf, J, **Nanda, J.**, Thompson, L, Chandra, A. and Baldwin, J. Issues of AIDS among Juvenile Delinquents. In J. Woodruff, D. Dogherty and J.G. Athey (Eds). Troubled Adolescents and HIV Infection: Issues in Prevention and Treatment. (1989) Chapter 3, pp. 56-69. Publishers: CASSP Technical Assistance Program of The Human Development Center, Georgetown University, Washington D.C.

Bone, LR, Mamon, J., Levine, D., **Nanda, J.**, Emergency Department: Detection and follow-up of High Blood Pressure: Use and Effectiveness of Community Health Care Workers. Am. Jl. of Emergency Medicine (Jan. 1989), 7(1):16-20

Moran, M., Wiser, T., **Nanda, J.** and Gross, H. Measuring Resident Chart Documentation Practices. Jl. of Medical Education (Nov. 1988), 63(11):859-865

Chattopadhyay, S., Uniyal, M., Prasad, V. and **Nanda, J.** Metabolic Adjustments During Stress.

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| Nanda, Joy P. | |
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Qtrly. Jl. Surg. Sciences 14(1&2):187-189, 1978

EVALAUATION/TECHNICAL REPORTS

Nanda, J. Evaluation of a National Conference on Reducing Health Disparities – Role of Population Based Medicine. The Johns Hopkins Urban Health Institute, May 2002

Nanda, J., Rogers, N. Evaluation of Epidemiologic Profiles for HIV/AIDS Prevention and Care, United States, 2001. A comprehensive qualitative and quantitative review of 94 Epi profiles submitted to the Centers for Disease Control and Prevention (CPG grantees division) and HRSA (Title I and Title II grantees division) Bureau of HIV/AIDS, Nov. 2001

Nanda, J. Student Evaluation of the Summer Institute Courses in Maternal and Child Health. Center of Continuing MCH Learning and Achievement. Johns Hopkins University School of Public Health, Baltimore, Maryland. 2000, 2001

Nanda, J., Kuo, W., Augustyn, M., Chang, J., Adih, W., Paige, D. Evaluating the dissemination of Community Health Information via the Internet. Maternal and Child Community Health Science Consortium Technical Report, October, 1998

Nanda, J. Evaluation of Adolescent Fathers Program: Reports Submitted to the Abell Foundation on Behalf of the United Way of Central Maryland. December 1990 and Feb. 1992

Correa, A. and **Nanda, J.** Utilization of Health and Social Services for Elderly Hispanics. Testimony Submitted to the House Select Committee on Aging ,U.S. Congress, Sep. 19, 1991

Brenner, M. and **Nanda, J.** Quality of Life Among Cataract Patients: Impact of Surgery. Technical Report Submitted regarding Necessity of Cataract Surgery to the Office of Inspector General. 1991

Nanda, J. Employer Sponsored Child Care Services: Needs Assessment. Report Submitted to the Office of Senior Vice President, Johns Hopkins University, Baltimore, Oct. 1990

Moran, M., Wassel, R., Wiser, T. and **Nanda, J.** Evaluation of an Anticoagulation Device in Ambulatory Care Setting at University Health Center and Veterans Administration Health Facilities. Pharmacotherapy University of Maryland School of Medicine, July, 1989

Nanda, J. Evaluation of the Primary Care Residency Programs:1984-85, 85-86, 86-87. Annual reports submitted to the Department of Medicine, University of Maryland School of Medicine.

Eaton, WW. and **Nanda, J.** Psychosocial Issues in Diabetes Management. Field Report for wave I study results submitted to project participants and sponsors at Humana Hospital Lucerne, Florida and National Institutes of Health, Bethesda, Maryland. February 1987.

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| Nanda, Joy P. | |
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DOCTORAL/POST-DOCTORAL STUDENT MENTORING AND RESEARCH/ANALYTICAL SUPPORT

Epidemiologist/Biostatistician for the DOD-sponsored Winston-Salem State University-Johns Hopkins University Post-doctoral Training Partnership Program for Breast Cancer Research addressing health disparity, Jan. 2002 – present

Evaluation of the Insecticide Impregnated Plastic Sheetting (IIPS) for malaria prophylaxis in refugee camps: A randomized field trial. Rohit Chitale, Ph.D (Epidemiology – current), Johns Hopkins University School of Public Health, Baltimore, Maryland

Fetal growth restriction as risk factor for enamel hypoplasia and early childhood caries. Maria-Rosa Watson, Dr. P.H. (Epidemiology, 2002), Johns Hopkins University School of Public Health, Baltimore, Maryland

Evaluating the effectiveness of an intervention to improve physicians' asthma management practice. Johns Hopkins Medicine and Howard University Collaborative. Ruth Quartey, Ph. D (Health Services Management and Research), Walden University, Minneapolis

Do neighborhoods matter? A life course perspective of contextual effects on health and behavior. Nicole Rolley, Ph.D (Behavioral Sciences, 2002). Johns Hopkins University School of Public Health, Baltimore, Maryland

Click Power: Can Minority Adolescents Use Interactive Technology to Learn about HIV/AIDS. Nadine Rogers Ph.D. (Behavioral Sciences, 2001) Johns Hopkins University School of Public Health, Baltimore, Maryland

Effectiveness of a Physical Activity program on osteoarthritis of the knee among elderly patients from the Baltimore Longitudinal Study. Jean Gaines, Ph.D. (Geriatric Nursing, 2001). Johns Hopkins University School of Nursing, Baltimore, Maryland

Effects of multiple substance use during pregnancy and pregnancy outcomes among low-income inner city women. Patricia Paluzzi, Dr.PH (MCH, 2001) Johns Hopkins School of Public Health, Baltimore, Maryland

The Relationship Between Coping Strategies and Psychological Distress in Adult Blood and Bone Marrow Transplantation Patients. Cathaleen Ley, Ph.D (Oncology Nursing, 2001) University of Maryland, Baltimore, Maryland

Quality of Emergency Obstetric Care Care at the First Referral Hospital Level in the Republic of Benin, West Africa. S. Gbhangbade Dr.PH (International Health, 2000). Johns Hopkins School of Public Health, Baltimore, Maryland

Determinants of Stomatitis Induced Pain among Breast Cancer Patients Scheduled for Bone Marrow Transplant. Jane Fall-Dickson, Ph.D (Oncology Nursing, 2000), Johns Hopkins University School of Nursing, Baltimore, Maryland

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| Nanda, Joy P. | |
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Determinants of Diagnostic Follow-up after Inconclusive Screening Mammography. Alexis Bakos, Ph.D (Oncology Nursing, 2000), Johns Hopkins University School of Nursing, Baltimore, Maryland

Effects of Domestic Violence on Low Birth Weight among Low Income, Inner City Pregnant Women. Maja Altarac, Ph.D (MCH-Epidemiology, 1999). Johns Hopkins University School of Public Health

Womens' Health Issues and Locus of Control Among Urban Women in Calcutta, India. S. Dutta. Ph.D (MCH-Epidemiology, 1998). Johns Hopkins School of Public Health, Baltimore, Maryland

Incidence and Determinants of Low Birth Weight in Urban Yemen. Post-Doctoral Fellowship Program. Abdulwahab Makki, (MCH-Epidemiology, 1996). Johns Hopkins School of Public Health, Baltimore, Maryland

The Prevalence of Dental Disease and Perceived Need for Dental Care Among Adolescents and Adults in Ghana. J. Addo, D.Sc (International Health, June 1996). Johns Hopkins School of Public Health, Baltimore, Maryland

Social Integrity and Level of Health in Older Women Recovering from Hip Fracture. Mary K. Cresci, Ph.D.(Geriatric Nursing, 1995). Wayne State University, Detroit, Michigan.

Life Events, Emotional Support and Pre-term Births Among Low Income African American Women. G. Barbosa D.Sc (MCH, 1995). Johns Hopkins School of Public Health, Baltimore, Maryland

Racial Differences in Apgar Scores and Mortality and Morbidity in Low birthweight Infants. Mary P. DeHart, D.Sc (MCH, 1994). Johns Hopkins School of Public Health, Baltimore, Maryland

Health and Social Service Utilization Among Elderly Hispanics in U.S.A. Anna I. Alfaro-Correa, D.Sc (Health Policy, Feb. 1994) Johns Hopkins School of Public Health, Baltimore, Maryland

Intervention Against Tetanus Neonatorum: Field Evaluation of Program Effectiveness and Vaccine Efficacy of Prenatal Immunization with Tetanus Toxoid in Rural Rajasthan, India. Shiv Dutt Gupta, Ph.D (Epidemiology, Nov. 1993) Johns Hopkins School of Public Health, Baltimore, Maryland

Neighborhood Environment, Psychological Stress, and Blood Pressure in Black and White Adolescents. Farris Tuma, D.Sc (Behavioral Sciences, Jul. 1993). Johns Hopkins School of Public Health, Baltimore, Maryland

Negative Affect, Perceived Health Status, Symptom Reporting and Perceived Susceptibility Among Adolescents. Donna M. Howard, Ph.D (Behavioral Sciences, 1993). Johns Hopkins

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| Nanda, Joy P. | |
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School of Public Health, Baltimore, Maryland

Factors Related to Occupant Crash Survival in Emergency Medical Service Helicopters. Robert S. Dodd, Ph. D (Health Policy, 1992). Johns Hopkins School of Public Health, Baltimore, Maryland

Work Environment, Cognitive Appraisal, Social Support and Occupational Stress. Charlene Y. Douglas, Dr. PH. (Health Psychology, 1992). Johns Hopkins School of Public Health, Baltimore, Maryland

Gender Preference, Fertility Behavior and Excess Female Child Mortality in Matlab, Bangladesh. Mizanur Rahman, Ph.D (Demography, 1991). Johns Hopkins School of Public Health, Baltimore, Maryland

The Relationship Between Dietary Factors and Blood Pressure Among African-American Adolescents in Baltimore: With Special Reference to Calcium. Siti N. Zulkifli, D.Sc (MCH, 1991). Johns Hopkins School of Public Health, Baltimore, Maryland

Selected Maternal Risk Factors and Progress in Labor. Catherine L. Anderson Dr. P.H (MCH, 1990). Johns Hopkins School of Public Health, Baltimore, Maryland

The Effect of Social Networks on Institutionalization and Mortality of Elderly People. Ulrike Steinback, Ph.D (Behavioral Sciences, 1989) Johns Hopkins School of Public Health, Baltimore, Maryland

Determinants of Health Care Utilization in Rural Bangladesh. Shafiq A. Chowdhury, DR. PH (International Health, 1987) Johns Hopkins School of Public Health, Baltimore, Maryland

Consequences of Screening and Labelling for High-Normal Blood Pressure in an Adolescent Population. Rima E. Rudd, DR.PH (Behavioral Sciences, 1986) Johns Hopkins School of Public Health, Baltimore, Maryland

A Case-Control Study of Prognostic factors for Ocular Damage in Onchocerciasis. Manuel Bayona-Celis, Ph.D (Epidemiology, 1985) Johns Hopkins School of Public Health, Baltimore, Maryland

Application of Cost-Effectiveness Analysis and Resource Allocation Techniques in Family Planning Programs. Iraj Karimi, D.Sc (Operations Research, 1984) Johns Hopkins School of Public Health, Baltimore, Maryland

PRESENTATIONS

Nanda, J. A comprehensive review of Epidemiologic profiles for HIV/AIDS prevention and care. National consensus and model criteria symposium sponsored by CDC – division of HIV/AIDS Surveillance and prevention and HRSA – Bureau of HIV/AIDS treatment and Care.

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| Nanda, Joy P. | |
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Baltimore, November 8, 2001

Nanda, J. Mani, V. Comprehensive mental health services during pregnancy: A conceptual and analytical framework to evaluate the impact of dowry on antenatal care use during pregnancy and pregnancy outcomes. XVII Annual Conference of the World Association of Social Psychiatry. Agra, India, October 27-31, 2001

Nanda, J., Witter, F., Strobino, D., Eaton, W. Psychosocial predictors of depression during pregnancy. XVII Annual Conference of the World Association of Social Psychiatry. Agra, India, October 27-31, 2001

Nanda, J., Dambita, N., Hirson, J., Teisl, J. Concordance of ICD-9 and ICD-10 causes of death rates for Baltimore City, 1999. 129th Annual American Public Health Conference, Atlanta, Georgia, Oct. 21-25, 2001

Nanda, J., Strobino, D. Social Support, Stress, and Low Birth Weight: Mediating and Moderating Roles. 129th Annual American Public Health Conference, Atlanta, Georgia, Oct. 21-25, 2001

Augustyn, M., **Nanda, J.**, Witter, F., Paige, D., Ebode, A. Effectiveness of a community based clinical trial to reduce the incidence of Preterm Births by Bacterial Vaginosis screening. 129th Annual American Public Health Conference, Atlanta, Georgia, Oct. 21-25, 2001

Nanda, J., Eaton, W., Witter, F., Strobino, D. Stress, polydrug use, and depression during pregnancy. Presented at the biennial conference of the World Psychiatric Association Section on Epidemiology and Public Health, Baltimore, Maryland, June 3-6, 2001

Nanda, J., Strobino, D. Are fathers really Social Accidents? Analyzing the effects of social support by father of the baby on low birth weight. Presented at the Annual Conference of the Maryland Public Health Association. May 18, 2001

Nanda, J., Strobino, D. Fathers are both Biological and Social Necessities. Delta Omega (Alpha Chapter) Honor Society, Poster Competition, Baltimore, Maryland, March 19-26, 2001

Nanda, J., Kuo, W., Augustyn, M., Chang, J., Adih, W., Waterfield, G., Alexander, C., Jeffries, K., Kelly, L., Paige, D. Evaluating the dissemination of community health information via the Internet. 126th Annual American Public Health Conference, Washington D.C., Nov. 15-18, 1998

Augustyn, M., Paige, D., Ferebee, H., Holleman, M., Adih, W., **Nanda, J.**, Chang, J., Kuo, W., Alexander, C., Waterfield, G. The Safe and Sound campaign to improve health and safety of children. . 126th Annual American Public Health Conference, Washington D.C., Nov. 15-18, 1998

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| Nanda, Joy P. | |
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Augustyn, M., Adih, W., Paige, D., Witter, F., Martin, D., **Nanda, J.**, Chang, J. Reducing preterm births by bacterial vaginosis screening: A community based prevention intervention trial. 126th Annual American Public Health Conference, Washington D.C New York, Nov. 15-18 , 1998

Augustyn, M., Paige, D., Chang, **J.,Nanda, J.**, Adih, W., Waterfield, G. Redifining core MCH Data indicators. 126th Annual American Public Health Conference, Washington D.C., Nov. 15-18, 1998

Cassady, C., Starfield, B., **Nanda, J.**, Forrest, C., Hurtado, M, Friedenburt, L. The relationship of income distribution and Primary Care Attributes in Urban Population. 124th Annual American Public Health Conference, New York, Nov 18-22, 1996

Strobino, D., Misra, D., Nanda, J., Oberdorf, M., Johnson, T. Predictors of Maternal Transport. 124th Annual American Public Health Conference, New York, Nov 18-22, 1996

Strobino, D. Orme-Coombs, T., Lawrence, J., O'Campo, P. and **Nanda, J.** Psychosocial needs and prenatal care provider Characteristics perceived by providers and women receiving prenatal care in Pennsylvania. Evaluation of A Better Start and Healthy Beginning Plus Programs. Award Winning Presentation for National Perinatal Association Annual Conference, Crystal City, Virginia, Nov. 1995

Nanda, J., Hutchins, E., Stockbauer, J., Strobino, D. The Relationship of Smoking and Birth Outcomes Using Vital Statistics. 20th Annual Meeting of the American Public Health Association, Washington D.C., 1992

Strobino, D., Stashinko, E. **Nanda, J.** Kim, Y. Nagey, D. The Effects of Physical Activity on Pregnancy Outcomes. 120th Annual Meeting of the American Public Health Association, Washington, D.C., 1992

Strobino, D., Ensminger, M., **Nanda, J.**, Kim, Y. Patterns of Use of Well Baby Visit by Maternal Age. 118th Annual Meeting of the American Public Health Association, New York, 1990.

Strobino, D., Ensminger, M., **Nanda, J.**, Kim, Y. Variations in Hospitalization During First Year of Life by Maternal Age. 118th Annual Meeting of the American Public Health Association, New York, 1990.

Rolf, J., **Nanda, J.**, Thompson, L., Chandra, A. and Baldwin, J. Issues in AIDS Prevention Among Juvenile Offenders. Presented at the Knowledge Development Workshop on Issues in Prevention and Treatment of AIDS Among Adolescents with Serious Emotional Disturbance. Sponsored by the National Institute of Mental Health, National Institute of Drug Abuse, The Georgetown Univ. Child Development Center. Washington D.C. June 9-10, 1988.

Nanda, J. Institutionalized Juvenile Offenders: Profile and Risk Taking Behaviors. Invited Speaker at the Department of Epidemiology and Preventive Medicine, University of Maryland School of Medicine, Baltimore, Maryland. June 1988.

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| Nanda, Joy P. | |
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Nanda, J. Educating Our Children: Which Strategies Work? Workshop at the 2nd International Conference on AIDS Education. Sponsored by the International Society for AIDS Education and University of South Carolina, Columbia. Charleston, SC. Aug. 2-6, 1988.

Nanda, J. Institutionalized Juvenile Offenders: Their Knowledge, Attitudes, Beliefs and Sources of Information About AIDS. Workshop at the 2nd International Conference on AIDS Education. Sponsored by the International Society for AIDS Education and University of South Carolina, Columbia. Charleston, SC. Aug. 2-6, 1988.

Nanda, J., Thompson, LT Crime, Sexuality and Substance Use Among Institutionalized Adolescent Males: Need for Intervention. Fifth Annual Preventive Medicine Conference, Atlanta, Georgia. April 14-17, 1988.

Nanda, J., Thompson, LT. Strategies for Involving Adolescent Males in the prevention of AIDS, Pregnancy and STDs: Theoretical and Practical Considerations. Workshop Fifth Annual Preventive Medicine Conference, Atlanta, Georgia. April 14-17, 1988.

Besinger, RE., Johnson, TB., Thomas, RL., **Nanda, JP.** and Strobino, DM. The Effect of Vibratory Acoustic Stimulation on Fetal Biophysical Profile Testing. Annual Meeting of Perinatal Obstetricians. February 1988.

Moran, MT., Wiser, TH., **Nanda, JP.** and Gross, H. Measuring Resident Chart Documentation Practices. Annual Meeting of Teachers on Internal Medicine. Philadelphia. December 2-6, 1987.

Moran, MT. and **Nanda JP.** Longitudinal Evaluation of Primary Care Residency Program. Annual Meeting of Teachers on Internal Medicine. Philadelphia. December 2-6, 1987.

Bone, LR., Mamon, J., Kustin, B., Saudek, C., Clark, L. and **Nanda, JP.** Current State of Nursing Practice and Perceptions Regarding SBGM: Implications for Training. Conference on Self Blood Glucose Monitoring, Arlington, Virginia: November 17-18, 1986.

Nanda, J. Sexual Behavior and Contraceptive Use Among Adolescents. Guest Lecture, Maternal and Child Health Department, Johns Hopkins School of Public Health, 1986

Nanda, J. Strategies for Involving Adolescent Males in Pregnancy Prevention Programs. Invited speaker to deliver a workshop in a special symposium on "Better Beginnings for Virginia's Children" sponsored by the Department of Health, Commonwealth of Virginia, at Blacksburg, Virginia, June 14-17, 1984

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed on Form Page 2.
Photocopy this page or follow this format for each person.

| | | | |
|---|---------------------------|---------|---------------------------------|
| NAME | POSITION TITLE | | |
| Bodiford Lee Stackhouse | Associate Professor | | |
| EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as | | | |
| INSTITUTION AND LOCATION | DEGREE (if applicable) | YEAR(s) | FIELD OF STUDY |
| Hampton University, Hampton, VA | B.A. | 1978 | Biology |
| Hampton University, Hampton, VA | M.S. | 1981 | Biology/Mycology |
| Howard University, Washington, D.C. | Ph.D. | 1990 | Microbiology/ Immunogenetics |

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. If the list of publications in the last three years exceeds two pages, select the most pertinent publications. **DO NOT EXCEED TWO PAGES.**

1981 Research Assistant, Cardiovascular Institute, Boston University, Boston, MA
 1981-1982 Instructor of Biology, Hampton University, Hampton, VA
 1988-1989 Instructor of Biology, Virginia Union University, Richmond, VA
 1990-1996 Assistant Professor of Life Sciences, Winston-Salem State University, Winston-Salem, NC
 1991 (3 months – summer) NIH Extramural Associate, National Institutes of Health, Bethesda, MD
 1992-1994 (3 months – summers) NIH Extramural Associate, National Institutes of Environmental Health Sciences (labs of Drs. James K. Selkirk and B. Alex Merrick), Research Triangle Park, NC
 1992-present NIH Extramural Associate, National Institutes of Health, Bethesda, MD
 1996-1999 Principal Investigator, NIH Biomedical Research Grant, Winston-Salem State University, Winston-Salem, NC
 1997-present Associate Professor of Life Sciences, Winston-Salem State University, Winston-Salem, NC
 2002-present Chairperson, Department of Life Sciences, Winston-Salem State University, Winston-Salem, NC

Honors and Awards:

2002 (May) Wachovia Excellence in Teaching Award
 2001-present Comprehensive Cancer Center of Wake Forest University: Member, Data, Safety and Monitoring Board
 2001-present Winston-Salem State University: Member, National Youth Sports Program (NYSP) Board
 1999 NIH Minority Health Professions Award. For having completed the programs 60 hour comprehensive curriculum in Research Administration and Sponsored Programs Management

- 1997-1998 Winston-Salem State University: Cedric Sydney Rodney Service Award,
- 1996 Board member of the "Carter G. Woodson School of Challenge" charter school
- 1995 (fall) Winston-Salem State University: Member of three panel visiting team to Singapore to establish formal collaborations with The University of Singapore.
- 1994 (summer) Faculty Enhancement Fellowship from the North Carolina Biotechnology Center, Research Triangle Park, NC
- 1991 Extramural Associates Award
- 1986-1986 Danforth Fellowship
- 1984-1986 Graduate Professional Opportunity Programs Fellowship

Publications and Abstracts:

Stackhouse, B. L., Washington, J. C., Tokeson, J. P., Hartzman, R J., and Dunston, G. M. Cellular and molecular characterization of a DW2 variant. American Society for Histocompatibility and Immunogenetics, 15th Annual Meeting, Toronto, Ontario, Canada. 1989

Stackhouse, B.L., B.A. Merrick, C. He and J. K. Selkirk. "Mitotic Responses and Expression of p53 in Human Breast Carcinoma Cells Exposed to Phosphatase inhibitors," National Institutes of Environmental Health Sciences Research Symposium, Research Triangle Park, N.C., 1992.

Stackhouse, B.L., B.A. Merrick C. He and J.K. Selkirk. "Effects of Okadaic Acid and Calyculin A on the Phosphorylation of Human p53 Separated by 2D PAGE," National Institutes of Environmental Health Sciences Research Symposium, Research Triangle Park, N.C. 1993.

Selkirk, J .K. , Merrick A. B . , Stackhouse, B . L., and He, Chaoying. Multiple p53 protein isoforms and formation of oligomeric complexes with heat shock proteins Hsp70 and Hsp90 in the human mammary Tumor, T47D, cell line. Applied and theoretical Electrophoresis. 4(1): 11-18, 1994.

Stackhouse, B.L., B.A. Merrick C. He and J. K. Selkirk. "P53 Proteins From Nuclei and Cytosol of Human T47D Cells Separated by 2D-PAGE," National Institutes of Environmental Health Sciences Research Symposium, Research Triangle Park N.C. 1994.

Mills, Tara, A., J.K. Selkirk, and B. L. Stackhouse. "Effects of Phosphatase inhibitors on Nuclear p53 in Human Breast Adenoma Cells," National Minority Research Symposium, Hilton Head island, South Carolina, December 14-18, 1994.

Stackhouse, B.L. Using biotechnology training as a path to becoming productive scientist. 24th Annual 16 Institutions Health Science Consortium, Greensboro, NC, February 27-March 1, 1997

Willis, Kimberly and Stackhouse, B.L. Subcellular distribution of protein p53 in human breast cancer cells. National Minority Research Symposium, New York City, Nov. 21-24, 1998.

Faculty Development Grant, Winston-Salem State University, \$3,000.00 (2001)
"Breast Cancer Markers in African Americans"

Principal Investigator, National Institutes of Health, Biomedical Research grant (RIMI), \$508, 219.00 (9/30/96-9/29/99)
"Phosphorylation of p53 proteins in Breast Cancer Cells"

Active

Director: MBRS-SCORE
\$575,000 (2002-2006)

Coordinator Title III
\$285,930.00 (2002-2007)

PENDING

Director: MBRS-SCORE Supplement
2.6 Million (2002-2006)

Hamdy A. Radwan, PT, PhD

CURRICULUM VITAE

Associate Professor
Department of Physical Therapy
WINSTON-SALEM STATE UNIVERSITY
e-mail: radwanh@wssu.edu

601 Martin Luther King Jr. Dr.
CB#19412
Winston-Salem, NC 27110
Tel (336)750-2194

QUALIFICATION:

- 21 years of national and international clinical and academic experience in positions of increased responsibility.
- Excellent communication and training skills with the ability to interact favorably with individuals of all skill experience levels.
- In-depth background and experience in general physical therapy as well as in orthopedics, acute care and geriatrics specialties.

EDUCATION:

Doctor of Philosophy in Physical Therapy (Ph.D.) (May, 1999)

Texas Woman's University, Houston, TX.

Ph.D. Dissertation "Motion Patterns, Electromyographic Activity, and Ground Reaction Forces during A Loaded Functional Reach Task: A Comparison among Subjects with Low Back Pain, Subjects with Lumbar Spine Fusion and A Control Group"

Master Degree in Physical Therapy (M.Sc.) (May, 1987)

Faculty of Physiotherapy, Cairo University, Egypt.

M.Sc. Thesis "Comparative Electromyographic Study of the Paraspinal Muscles of laminectomyed and Normal Subjects"

Bachelor Degree in Physical Therapy (B.Sc.) (May, 1981)

Faculty of Physiotherapy, Cairo University, Egypt.

TEACHING EXPERIENCE:

1999 – present **Associate Professor (Tenured January 2002)**
Winston Salem State University, Winston-Salem, NC
Designing and teaching undergraduate and graduate courses in Research, Kinesiology, Physical Agents, Integumentary Management, and Musculoskeletal.

1989 – 1991 **Assistant Lecturer and Clinical Instructor**
Faculty of Physiotherapy, Cairo University, Egypt.
Teaching undergraduate courses in Musculoskeletal, Clinical Kinesiology, Electrotherapy, Hydrotherapy and Modalities.

1984 – 1989 **Instructor of Physical Therapy**
 Faculty of Physiotherapy, Cairo University, Egypt. Teaching and supervising physical therapy students and physical therapy interns.

CLINICAL EXPERIENCE:

2000-2000 **PRN Physical Therapist**
 High Point Regional Hospital, High Point, NC

1997 – 1999 **Administrator**
 PHOENIX Health Care Systems, Inc., Houston, TX.
 Home Health Agency

1994 – 1997 **Clinical Director**
 Promed Personal Services, Houston, TX.
 Home Health Agency

1993 – 1994 **Physical Therapist II**
 Hermann Hospital, Houston, TX.

1991 – 1993 **Physical Therapist**
 DC General Hospital, Washington, DC.

1987 – 1991 **Physical Therapist Supervisor**
 El-Fayrouz Hospital, Giza, Egypt.

1982 – 1984 **Physical Therapist**
 El-Wafa Wa Al-Amal Rehab Center, Cairo, Egypt.

1981 – 1982 **Physical Therapist “Internship”**
 Cairo University Hospital, Cairo, Egypt.

SPECIALIZED COURSES:

| | |
|--|---------------------|
| ◆ Clinical Research Investigator/Coordinator Certificate (CRICC) Program, 2000 | Winston-Salem, NC |
| ◆ Medicare changes, 1999 | Houston, TX |
| ◆ The ways to survive – Medicare regulations, 1998 | Dallas, TX |
| ◆ Medicare Billing, 1998 | Dallas, TX |
| ◆ Proper Documentation – Medicare and Medicaid, 1997 | Austin, TX |
| ◆ Labview software training program, 1996 | Austin, TX |
| ◆ Computer Application for Physical Therapist, 1995 | Houston, TX |
| ◆ Computer Programming in C Language, 1995 | Houston, TX |
| ◆ Radiological Review for Physical Therapist, 1995 | Houston, TX |
| ◆ Current Concepts of Spine Evaluation and Treatment, 1994 | Houston, TX |
| ◆ Word Perfect, 1993 | Washington, DC |
| ◆ Spinal Evaluation and Manipulation, 1992 | Baltimore, MD |
| ◆ Wound Care, 1992 | Charlottesville, VA |

- ◆ Exercise Physiology Course, University of Maryland, 1992
- ◆ Administrative Skills, 1992

College Park, MD
Falls Church, VA

LICENSURE and CERTIFICATES

- North Carolina Physical Therapy License - Current
- Texas Physical Therapy License - Current
- Virginia Physical Therapy License - Current
- Washington DC Physical Therapy License – Current
- Certificate of Clinical Research Conduct, 2000 - 2005.

PROFESIONAL SERVICES:

University:

1. Member, Institutional Review Board (IRB), October/1999-present.
2. Member, Graduate Counsel, October/2000-present.
3. Member, Task Force for Internationalization of the Curriculum, August/2001-present.
4. Member, Search Committee for the Dean of the School of Health Sciences, July/2000-January/2001.
5. Member, University of North Carolina Exchange Program, Committee for Germany May/2000-May/2001.
6. Member, University of North Carolina Exchange Program, Committee for Finland and Sweden, May/2001-present.

School of Health Sciences:

1. Member, International Committee of the School of Health Sciences, October/1999-present.
2. Chair, Committee on AIDS, June/2000-present.
3. Member, School of Health Sciences Newsletter Committee, May/2000-present.

Department of Physical Therapy:

1. Chair, Department of Physical Therapy Research Committee, October/1999-present.
2. Co-Chair, Department of Physical Therapy Admission Committee, August/2001 – present
3. Member, Physical Therapy Curriculum Committee, October/1999-present

Community:

1. Member, American Physical Therapy Association, Special Interest Groups, HIV/AIDS, February/2000-present.
2. Member, American Physical Therapy Association, Orthopedic Section, 1993-present.
3. Member, American Physical Therapy Association, Research Section, 1996-present
4. Member, American Physical Therapy Association, Education Section. 1999-2001.
5. Associate Member, University of North Carolina-Center for AIDS Research (CFAR), October/2000-present
6. Educational Coordinator, MAT Non-Prophet Organization, October/1999-present

OTHER INTERESTS:

Family activities, table tennis, and reading.

GRANTS:

- PI: Kate B. Reynolds Charitable Trust: KBR Human Performance Laboratory, \$263,897.00 (March, 2001), Funded.
- PI: U.S. Department of Health and Human Services. Centers for Disease Control and Prevention. HIV/AIDS: Facts and Issues Youth Education Project. \$271,210.00 (February, 2001), Pending.
- COI: Josiah Macy, Jr. Foundation: A comparison of three teaching methods for learning spinal manipulation skill. \$20,000.00 (January, 2001), Not funded.
- PI: WINSTON-SALEM STATE UNIVERSITY, Travel grant: HIV/AIDS presentation in San Francisco, CA (March, 2001), Funded.
- PI: WINSTON-SALEM STATE UNIVERSITY, Travel grant: Presentation San Antonio, TX. Combined Section Meeting of the American Physical Therapy Association. \$1,500.00 (Feb, 2001), Funded.
- PI: WINSTON-SALEM STATE UNIVERSITY, Travel grant: HIV/AIDS presentation in Durban, South Africa \$3,000.00 (July, 2000) Funded.
- PI: Texas Foundation of Physical Therapy: Motion Patterns, Electromyographic Activity, and Ground Reaction Forces during A Loaded Functional Reach Task: A Comparison among Subjects with Low Back Pain, Subjects with Lumbar Spine Fusion and A Control Group" (Sep, 1998) Amount= \$6,000, Not funded

Awards

1. School of Health Sciences, Winston-Salem State University, Spirit Award for Trail Blazer, May 2001.
2. School of Health Sciences, Winston-Salem State University, Scholarship Award, May 2001.

PUBLICATIONS

A. PEER REVIEWED ORIGINAL ARTICLES

1. Watson TA, **Radwan H.** A comparison of three teaching methods for learning spinal manipulation skill. J Manual Manipulative Ther 2000, 9(1): 48-52.
2. Etnyre BR, Simmonds M, **Radwan H.**, Ginter J. "Kinematics of a Loaded Reach Task," Texas Motor Behavior Conference Abstracts, 5 (2000): 26.
3. **Radwan H.**, Simmonds MJ, Etnyre B, Novy D. Kinetic, Kinematic, and EMG activity during performance of a loaded reach task: Comparison between low back patient groups (with and without spinal fusion) and a pain free control group. SPINE (In final preparation)
4. **Radwan H.**, Simmonds MJ, Etnyre B. Displacement of the center of gravity and center of pressure during performance of a loaded reach task. Comparison between low back pain patient groups (with and without fusion) and a pain free group. Physical Therapy Journal (in final preparation)
5. **Radwan H.**, Simmonds MJ, Etnyre BR, Novy D. "Paraspinal Muscle Response to a Loaded Reach Task among Patients with Low Back Pain, Patients with Lumbar Fusion and a Control Group," Physical Therapy, 79(6) (1999): S304.
6. Etnyre BR, **Radwan H.**, Simmonds MJ, Novy DM. "Evaluation of stability during the performance of a loaded reach task: Comparison between low back pain patient groups (with and without spinal fusion) and a pain free control group," Proceedings of the 17th Annual Houston Conference on Biomedical Engineering Research, (1999).
7. Simmonds MJ, Etnyre BR, **Radwan H.**, Dietal G, Dalal S. "Hip and knee displacements during sit-to-stand movements between low back pain patients and a control group," Proceedings of the World Congress of Physical Therapy, (1999).
8. Simmonds MJ, Olson S, Novy D, Jones S, Hussein T, Lee CE, **Radwan H.** Psychological characteristics and clinical usefulness of physical performance tests in patients with low back pain. Spine. 1998 Nov; 15(23): 2412-2421.

B. PEER REVIEWED ABSTRACTS/PRESENTATIONS

1. Bethea D, **Radwan H**, Sawan S, Fish T. The Talking Pen: Assessing Fine Motor Performance in Children with Attention Deficit Disorders. World Confederation of Occupational Therapist, June, 2002.
2. Watson TA, **Radwan H**, Boyle K. Learning Spinal Manipulation Part I: Comparison of teaching Methods. American Physical Therapy Association, Combined Section Meeting, Boston, MA February 20 – 24 2002.
3. **Radwan H**, Watson TA, Boyle K. Learning Spinal Manipulation Part II: Gender Effect. American Physical Therapy Association, Combined Section Meeting, Boston, MA February 20 – 24 2002.
4. **Radwan H**, Watson TA, Boyle K. Learning Spinal Manipulation Part I: Comparison of teaching Methods. AAOMPT conference, San Antonio, TX October 17-19, 2001.
5. **Radwan H**, Watson TA, Boyle K. Learning Spinal Manipulation Part II: Gender Effect. AAOMPT conference, San Antonio, TX October 17-19, 2001.
6. **Radwan H**, Cowie R, Developing a virtual laboratory: A flexible, interdisciplinary approach to teaching health science. Piedmont Triad Research and Technology, Connectivity Expo 2001, Winston Salem, NC April 4-5 2001.
7. **Radwan H**, Watson T, Shirazyan A. Attitudes Toward Persons with AIDS: Comparison between North Carolina Health Professionals and Student Health Professionals. Piedmont Triad Research and Technology, Connectivity Expo 2001, Winston Salem, NC April 4-5 2001.
8. **Radwan H**, Boles C, Garrison C, Canzone C, Miles S, Flack S. Attitude toward HIV/AIDS among North Carolina Health Professionals: Race factor. Piedmont Triad Research and Technology, Connectivity Expo 2001, Winston Salem, NC April 4-5 2001.
9. **Radwan H**, Boles C, Garrison C, Canzona C, Miles S, Flack S. Attitude toward HIV/AIDS among North Carolina Health Professionals: Comparison between African American and Caucasian. 13th National HIV/AIDS Update Conference, San Francisco, CA March 20 - 23, 2001.
10. **Radwan H**, Watson T, Shirazyan A. North Carolina Health Professionals and Student Health Professionals: Attitudes Toward Persons with AIDS. American Physical Therapy Association, Combined Section Meeting, San Antonio, TX February 14 – 18, 2001.

11. Watson T, **Radwan H**, Shirazyan A. Knowledge and Attitude among North Carolina Physical Therapists and Physical Therapy students Concerning Persons with AIDS. American Physical Therapy Association, Combined Section Meeting, San Antonio, TX February 14 – 18, 2001.
12. Watson T, **Radwan H**, A Comparison of Three Teaching Methods for Learning Spinal Manipulation Skill, American Academy of Orthopaedic Manual Physical Therapists 2000 6th Annual Conference, Charlottesville, VA October 20 -22, 2000.
13. Shirazyan A, Jackson T, Jones D, Westbrook T, **Radwan H**, Phillips I, Miles S, Canzona C, Garrison C, Boles C, Joe E, Flack S. Knowledge of health care individuals about AIDS/HIV and their attitude toward people with AIDS/HIV in the state of North Carolina – USA. 13th International AIDS Conference, Durban, South Africa July 9 - 14, 2000.
14. **Radwan H**, Simmonds MJ, Etnyre BR, Novy D. Paraspinal muscle response to a loaded reach task among patients with low back pain, patients with lumbar fusion and a control group. American Physical Therapy Conference, Washington, DC, June 1999.
15. **Radwan H**, Simmonds MJ, Etnyre BR. Muscles activation patterns of patients with low back pain, with lumbar fusion, and a control group during a loaded forward reach task. 13th International Congress of World Confederation for Physical Therapy, May 23-28, Yokohama, Japan, 1999.
16. Etnyre BR, Simmonds MJ, **Radwan H**, Dietal G, Dalal S. Hip and knee displacements during sit-to-stand movements between low back pain patients and a control group. 13th International Congress of World Confederation for Physical Therapy, May 23-28, Yokohama, Japan, 1999.
17. Etnyre BR, Simmonds MJ, **Radwan H**. Comparison of electromyographic duration and frequency characteristics between low back pain patients and a control group. Third Interdisciplinary World Congress on Low Back Pain and Pelvic Pain. Vienna, Austria, November 1998.
18. **Radwan H**, Simmonds MJ, Etnyre BR. Displacement of the center of pressure during performance of a loaded reach task: comparison between two LBP groups (with and without fusion) and a non pain control group. 11th Annual International Intradiscal Therapy Society Meeting, San Antonio TX, May 1998.
19. Olson S, Simmonds MJ, Novy DM, Jones SC, Hussein T, Lee E, **Radwan H**. Reliability and validity of novel physical performance measures in patients with low back pain. 11th Annual International Intradiscal Therapy Society Meeting, San Antonio TX, May 1998.

20. Novy DM, Simmonds MJ, Olson S, Jones SC, Hussein T, Lee CE, **Radwan H.** Physical performance measures: are there gender differences among patients with low back pain? 11th Annual International Intradiscal Therapy Society Meeting, San Antonio TX, May 1998.
21. Simmonds MJ, Olson S, Novy DM, Jones SC, Hussein T, **Radwan H.** Classification of subjects with and without low back pain using novel tasks of physical performance. 11th Annual International Intradiscal Therapy Society Meeting, San Antonio TX, May 1998.
22. Olson S, Simmonds MJ, Novy DM, Jones SC, Hussein T, Lee CE, **Radwan H.** Reliability and validity of novel physical performance measures in patients with low back pain. Proceedings of the American Pain Society Meeting, New Orleans, October 23-26, p104, 1997.
23. Olson S, Simmonds MJ, Novy DM, Jones SC, Hussein T, Lee CE, **Radwan H.** Reliability, validity and clinical utility of a battery of physical performance tests for patients with low back pain. Proceedings of the National Occupational Injury Research Symposium. Morgantown, West Virginia, October 1997.
24. Simmonds MJ, Olson S, Novy DM, Jones SC, Hussein T, Lee CE, **Radwan H.** Classification of subjects with and without low back pain using novel tasks of physical performance. Proceedings of the American Pain Society Meeting, New Orleans, October 1997.
25. Novy DM, Simmonds MJ, Olson S, Jones SC, Hussein T, Lee CE, **Radwan H.** Physical Performance measures. Are there gender differences among patients with low back pain? Proceedings of the American Pain Society Meeting, New Orleans, October 1997.
26. Simmonds MJ, Baum R, **Radwan H.** The role of experience in spinal mobilization techniques. American Physical Therapy Association, Combined Sections Meeting, Dallas, TX, February 1997.
27. Simmonds MJ, Baum R, **Radwan H.** Use of a model to measure forces used by physical therapists and physical therapy students during spinal mobilization. Proceedings of the 14th Annual Houston Conference on Biomedical Engineering Research. Houston, TX, February 1996.
28. Simmonds MJ, Baum R, **Radwan H.** The influence of clinical experience on forces used during spinal mobilization, using a model. American Pain Society, 15th Annual Scientific Meeting, Washington, DC. November 1996.

CURRENT RESEARCH ACTIVITY:

- Kinematics and Kinetic characteristics of spinal movement.
- Motion and Gait analysis for subjects with ankle foot orthosis.
- AIDS, Knowledge and attitude among health care individuals.
- Methods of teaching manipulation skill.

NATIONAL PROFESSIONAL SOCIETY ACTIVITIES:

- **Invited Speaker**, American Physical Therapy Association, North Carolina Conference, Greensboro: HIV/AIDS and Aging, September 29, 2001. I was not able attend, topic rescheduled to be presented in the next conference.
- **Invited Speaker**, UNC-CH Physical Therapy Research Forum: Conservative and Surgical Treatment Approaches for Low Back Instability, Kinetic and Kinematics Comparison, September 9, 2000.
- **Invited Speaker**, Winston-Salem/Forsyth County Community Access Television Corporation, AIDS in Sub-Saharan Africa, August 2000.
- **Invited Speaker**, Winston-Salem/Forsyth County Community Access Television Corporation, AIDS Awareness, in Light of the 13th AIDS Annual Conference, Durban, South Africa, July 2000.
- **Invited Speaker**, Technology Symposium; Winston Salem State University, Technology oriented Physical Therapy Curriculum, May 18, 2000.
- **Speaker**, WSSU, Department of Physical Therapy, Brown Bag Lunch: Biomechanics of Increased Exposure to Lumbar Injury Caused by Cyclic Loading, February 14, 2000.
- **Invited Speaker**, NCPTA-District Meeting, Lumbar Spinal Fusion: Motion Pattern and EMG Activity of Selected Muscles, February 8, 2000.
- **Invited Speaker**, Winston-Salem/Forsyth County Community Access Television Corporation, Vision: Hajj and Muslim Community, February 2000.
- **Invited Speaker**, Wake Forest University, Orthopedic Research Department. Motion Analysis, Electromyographic Activity and Ground Reaction Forces, Applications and Research Ideas. January 17, 2000.

COMMUNITY ACTIVITIES:

- **Inservices and Seminars:**
 - Society of Greater Houston- Southeast Houston, Safety of Your Back, June 1998.
 - Phoenix Health Care Nursing, Houston, Back Safety in Home Health, April 1998.
 - Society of Greater Houston-East side, Middle Eastern History, Series of Lecture, 1996-1998.
 - Society of Greater Houston- Southeast Houston, History of the Prophets Series of Lectures, 1994-1998.
 - Glen Forest Elementary School, Fairfax ISD, VA, Fasting and Health, 1993.
- Teaching Arabic Language to Non-Arabic speaking Individuals, Winston-Salem, NC, 2000 - Current.
- Teaching Arabic Language to Non-Arabic speaking Individuals, Houston, TX, 1996-1999.
- One of the founders of Iman Academy-Private School (K – 12) Houston, TX, 1994.

RODGER LEWIS MELTON

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EDUCATION

- 6/98 – 8/00** **MASTERS OF SCIENCE IN NURSING, FAMILY NURSE PRACTITIONER,**
UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE, Department of Nursing.
- 6/92 – 5/95** **BACHELOR OF SCIENCE IN NURSING, WINSTON-SALEM STATE**
UNIVERSITY, Department of Nursing. Graduated CUM LAUDE.
- 6/94 – 8/94** **EXTERNSHIP, FORSYTH MEMORIAL HOSPITAL, Winston-Salem, North Carolina.**
RN Partner Program - Emergency Department.
- 1/82 – 5/85** **BACHELOR OF SCIENCE, UNIVERSITY OF NORTH CAROLINA AT**
GREENSBORO, School of Human Environmental Sciences, Department of Housing and Interior
Design.

CLINICAL EXPERIENCE

- 6/00 – 7/00** **PRIMECARE-HIGHLAND OAKS, Family Practice and Occupational Health Internship.** 120
hours completed. Initial and Follow-up care of Workman's Comp, DOT and Pre-employment
physicals, and Primary care
- 5/00 – 6/00** **FORSYTH EMERGENCY SERVICES, PA, FORSYTH MEDICAL CENTER, Emergency**
Medicine Internship. 150 hours completed. Emergency management of acute illnesses in Major,
Minor and Fasktrack areas, X-ray interpretation, suturing and wound management.
- 1/00 – 5/00** **WOMEN'S HOSPITAL OF GREENSBORO, MATERNITY ADMISSIONS UNIT,**
GYN Clinic. Women's Health clinical 140 hours completed. Acute management of Ob/Gyn
patients up to 20 weeks gestation, pelvic examinations and obtaining appropriate cultures.
- 1/00 – 5/00** **FORSYTH PEDIATRICS ASSOCIATES, Pediatric clinical, 120 hours completed, Newborn**
assessments, Well and Sick child visits.
- 8/99 – 12/99** **AEGIS FAMILY HEALTH CENTER-PEACEHAVEN, Internal Medicine. Adult Health**
clinical. 130 hours completed. Primary care and physical examination of Adult patients.
- 9/98 – 12/98** **NOVANT HEALTH – FORSYTH MEMORIAL HOSPITAL, EMERGENCY**
DEPARTMENT. Assessment clinical, 90 hours completed.

WORK EXPERIENCE

- 7/00 – PRESENT** **NOVANT HEALTH – PRIMECARE KERNERSVILLE, Kernersville, North Carolina. Family**
Nurse Practitioner. Family Practice, Urgent Care and Occupational Health. Average 40 – 65
patients per day, 2001 Totals -Generated \$665,000 gross charges, Patients seen – 7000. Acute
management of patients including EKG, suturing, x-ray and lab interpretation and fracture care.
Management and education of Family Practice patients including hypertension, diabetes, and lipids.
Collaborative working relationships with area physicians and hospitals. Occupation Medicine
including acute management of work related injuries and DOT/Work physicals.

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REFERENCES:

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Primecare Kernersville
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Kernersville, North Carolina 27284
W-(336) 996-2173
H-(336) 998-3181

✓ Lisa Yokley – Office Manager
Primecare Kernersville
111 Gateway Center Drive
Kernersville, North Carolina 27284
W-(336) 996-2820
H-(336) 993-5318

Dave Courtemanche PA-C
Primecare Highland Oaks
600 Highland Oaks Drive
Winston-Salem, North Carolina 27103
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H-(336) 940-2747

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1185 Jonestown Road ~ Winston-Salem, NC 27103
(336) 774-1517 ~ Email racquelingram@cs.com

OBJECTIVE

To improve the healthcare of the community by providing support and educational processes using primary, secondary, and tertiary interventions. My goals include educating the public primarily on preventative measures, and helping others to maintain a state of well being based on their presenting diagnosis. I also strive to assist in the development and implementation of strategies that will improve caregiver methods, improve processes of education and training, and enhance job performance, competency, and patient/client outcomes.

QUALIFICATIONS

Master of Science (MSN) in Nursing Education.
Bachelor of Science in Nursing (BSN). Registered Nurse, (North Carolina).
Acute care (medical-surgical) experience.
Teaching experience at university and community college level.
Effective communication and interpersonal skills. Customer/client oriented, diversity oriented, and team player.
Computer skills, detailed oriented, able to work under minimum supervision.
CPR certified.
Management experience.

WORK HISTORY

2002-present

Research Assistant, Winston-Salem, State University

Serve as a facilitator of research to Post-doctoral Professors in the School of Health Sciences. Duties include setting up the research center, ordering materials necessary for the research process, literature searches, budget responsibilities, arranging seminars/workshops relevant to methods of research, and other research related duties.

2002-2002

Assistant Director of Nursing, Moses Cone Hospital

Responsible for the provision of leadership, staffing and management of the Neuroscience Unit. Participated in employee performance appraisals, budget decisions, customer satisfaction, public relation duties and various other daily operations of the unit.

2001-present

Clinical Instructor, Winston-Salem State University

Educate and supervise sophomore, junior and senior level undergraduate nursing students in a structured clinical setting to apply theoretical concepts of professional nursing to clinical practice. Observational and hands on experiences are implemented utilizing the nursing process.

2000-2001

Nursing Supervisor, Carolina Network Consulting (CNC/Access)

Responsible for the professional supervision of 'In Home Aides' for clients receiving MRPC services. Provided 'Medication Administration' classes with testing and skills competency test to aides working in home-based or group settings.

- 2000-2001 Clinical Supervisor, ProCare Services**
Updated and maintained certification, licensure, and other health requirements for the nursing staff in compliance with OSHA and the North Carolina Board of Nursing. Implemented continuing education (in-service) programs for the nursing staff. Participated in nursing related disciplinary actions according to the company's compliance policy. Overseen applicant state background checks.
- 1999-2000 Graduate Assistant, University of North Carolina at Greensboro**
Assisted Graduate faculty in library and Internet searches. Assisted undergraduate faculty in grading papers, administering quizzes, and skills laboratory performance/checkoff of nursing students.
- 1999-present Supplemental Staff Nurse, Forsyth Medical Center**
Float to medical-surgical units within the facility. Responsibilities include assessing, planning, implementing, and evaluating care plans of acute care patients in compliance with the policies and procedures of the facility. Delegate task to team members to assure goals of care plan are achieved. Charge nurse duties.
- 1999-2001 Nurse Aide-I Instructor, Forsyth Technical Community College**
Educated nursing assistants through classroom and clinical instruction to successfully pass both hands on and written portions of the state board exam for certification.
- 1997-1999 Staff Nurse, Forsyth Hospital**
Neurology/Neurosurgery unit. Responsible for assessing, planning, implementing, and evaluating plans of care for neurological comprised patients. Delegated task to team members. (*Outstanding Customer Service Award*)
- 1995-1997 Private Duty/Home Care Nurse, Nurses Temps**
Total care for a quadriplegic, ventilated home bound male patient.

EDUCATION

Master of Science in Nursing Education, University of North Carolina at Greensboro (*Sigma Theta Tau*), December 2001.
Certified Nursing Preceptor of Forsyth Medical Center, 1998.
Bachelor of Science in Nursing, Winston-Salem State University (*Cum Laude*), 1996.

HONORS

Spirit Award for 'Role Modeling', Winston-Salem State University, 2001.

Sigma Theta Tau International Honor Society of Nursing, UNC-Greensboro, 2000.

Outstanding Customer Service Award, Forsyth Memorial Hospital, 1997.

Honors Graduate (Cum Laude) Winston-Salem State University, 1996.